

UNDERGRADUATE CATALOG

2020–2021



LINDENWOOD
UNIVERSITY

ACADEMIC CALENDAR

Fall 2020			
Term	Type	Title	Date
FA 20 & FA I 20	U & G	Academic Period Begins	August 24
FA 20 & FA I 20	U & G	Last day to register for or add classes or choose audit at 5 p.m.	August 28
FA 20	U	4-week grades due at 5 p.m.	September 21
FA I 20	U	Midterm grades due at 5 p.m.	September 21
FA I 20	U & G	Last day to withdraw with "W".	September 28
FA I 20	U & G	Deadline for making up Incomplete grades from previous term at 5 p.m.	October 16
FA I 20	U & G	Academic Period Ends	October 18
FA 20	U	Midterm grades due at 5 p.m.	October 19
FA II 20	U & G	Academic Period Begins	October 19
FA , FA I, FA II 20	U & G	Spring and summer registration for active honors and non-traditional (8-week and online) active students begins.	October 23
FA , FA I, FA II 20	G	Spring and summer registration for active students (Graduate) begins.	October 23
FA II 20	U & G	Last day to register for or add classes or choose audit at 5 p.m.	October 23
FA , FA I, FA II 20	U	Spring and summer registration for active seniors begins.	October 26
FA , FA I, FA II 20	U	Spring and summer registration for active juniors begins.	October 27
FA , FA I, FA II 20	U	Spring and summer registration for active sophomores begins.	October 29
FA , FA I, FA II 20	U	Spring and summer registration for active freshmen begins.	October 30
FA 20	U & G	Last day to withdraw with "W".	October 30
FA, FA I, FA II 20	U & G	Spring and summer registration for new incoming students begins.	November 6
FA II 20	U	Midterm grades due at 5 p.m.	November 16
FA II 20	U & G	Last day to withdraw with "W".	November 20
		Commencement Ceremonies – See website for commencement information.	TBD
FA 20 & FA II 20	U & G	Thanksgiving holiday	November 23 - 27
FA 20 & FA II 20	U & G	All courses virtual. No classes held on campus or at learning centers. Students can still occupy dorms until the end of the term.	November 30 – December 4
FA 20	U & G	Final Exams - Virtual	December 7 - 11
FA 20 & FA II 20	U & G	Academic Period Ends	December 11
FA 20 & FA II 20	U & G	Deadline for making up Incomplete grades from previous term at 5 p.m.	December 11
	U & G	Commencement Ceremonies TBD	December 11- 13
FA 20 & FA II 20	U & G	Final grades due at 5 p.m.	December 14
Spring 2021			
Term	Type	Title	Date
SP 21 & SP I 21	U & G	Academic Period Begins	January 11
SP 21 & SP I 21	U & G	Last day to register for or add classes or choose audit at 5 p.m.	January 15

ACADEMIC CALENDAR

SP 21	U	4-week grades due at 5 p.m.	February 8
SP I 21	U	Midterm grades due at 5 p.m.	February 8
SP I 21	U & G	Last day to withdraw with "W".	February 15
SP I 21	U & G	Deadline for making up Incomplete grades from previous term at 5 p.m.	March 5
SP I 21	U & G	Academic Period Ends	March 7
SP 21	U	Midterm grades due at 5 p.m.	March 8
SP I 21	U & G	Final grades due at 5 p.m.	March 8
SP II 21	U & G	Academic Period Begins	March 15
SP, SP I, SP II 21	U & G	Fall registration for active honors and non-traditional (8-week and online) active students begins.	March 19
SP, SP I, SP II 21	G	Fall registration for active students (Graduate) begins.	March 19
SP II 21	U & G	Last day to register for or add classes or choose audit at 5 p.m.	March 19
SP, SP I, SP II 21	U	Fall registration for active seniors begins.	March 22
SP, SP I, SP II 21	U	Fall registration for active juniors begins.	March 23
SP, SP I, SP II 21	U	Fall registration for active sophomores begins.	March 25
SP, SP I, SP II 21	U	Fall registration for active freshmen begins.	March 26
SP 21	U & G	Last day to withdraw with "W".	March 26
SP, SP I, SP II 21	U & G	Fall registration for new incoming students begins.	April 2
SP II 21	U	Midterm grades due at 5 p.m.	April 12
SP II 21	U & G	Last day to withdraw with "W".	April 16
SP 21	U & G	Final Exams	May 3 - 7
SP 21 & SP II 21	U & G	Academic Period Ends	May 7
SP 21 & SP II 21	U & G	Deadline for making up Incomplete grades from previous term at 5 p.m.	May 7
	U & G	Commencement Ceremonies TBD	May 7 - 9
SP 21 & SP II 21	U & G	Final grades due at 5 p.m.	May 10
Summer 21			
Term	Type	Title	Date
SU 4-Week I	U & G	Academic Period Begins/Ends	May 17 - June 13
SU 4-Week II	U & G	Academic Period Begins/Ends	June 14 - July 11
SU 4-Week III	U & G	Academic Period Begins/Ends	July 12 - August 8
SU 6-Week I	U & G	Academic Period Begins/Ends	May 17 - June 27
SU 6-Week II	U & G	Academic Period Begins/Ends	June 28 - August 8
SU 8-Week I	U & G	Academic Period Begins/Ends	May 17 - July 11
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INTRODUCTION

This catalog contains a description of the Lindenwood University undergraduate programs. A separate catalog is devoted to the descriptions and requirements of graduate programs. This catalog outlines policies and procedures for undergraduate students, explains each academic program and its specific requirements, and describes in alphabetical order each undergraduate course offered.

Lindenwood University strives to make higher education accessible to both traditional and nontraditional students and serves both full- and part-time students. The university offers a variety of programs leading to baccalaureate, master's, specialist, and doctoral degrees.

Lindenwood University reserves the right to make changes at any time without prior notice. Therefore, the electronic version of the catalog may change from time to time without notice. The governing document at any given time is the then-current version of the catalog, as published online, and then-currently applicable policies and information are those contained in that catalog.

All statements in this publication concerning policies, program requirements, fees, and other matters are subject to change without notice. The statements in this catalog are for informational purposes only and should not be viewed as the basis of a contract between a student and the university.

Due to COVID-19, changes were made to the university calendar. Please go to this website to view any necessary updates due to the pandemic.

<https://www.lindenwood.edu/coronavirus/roaring-return/>

Program Formats

All undergraduate programs operate on a 16-week schedule with embedded 8-week terms. Terms will be held Fall, Spring, & Summer.

Lindenwood University offers undergraduate academic programs leading to a Bachelor of Arts (BA), Bachelor of Fine Arts (BFA), Bachelor of Science (BS), and Bachelor of Social Work (BSW). In all schools, individualized degrees may be developed on a contract basis for interdisciplinary studies or specialties.

History

Lindenwood University was founded in 1827 by pioneering educators Mary Easton Sibley and George Sibley. The Sibleys sought to establish an institution that educated students across disciplinary fields, provided a solid core curriculum, and promoted the desire to serve the community. The Sibleys envisioned a college that would educate the “whole person” by encouraging students to

pursue the liberal arts as well as focused studies. Their vision survives to this day.

Mission Statement

Mission

Real Experience. Real Success.

Enhancing lives through quality education and professional preparatory experiences.

Values

- **Integrity** - We are committed to ensuring trust and respect for all persons in an environment that cultivates individual and institutional integrity.
- **Dedication** - We are committed to developing a high-performance work ethic and dedication to discipline or vocation.
- **Excellence** - We are committed to providing quality and excellence in all our endeavors.
- **Creativity** - We are committed to the development of original ideas, knowledge and innovative approaches to solving complex problems.
- **Community** - We are committed to creating a connected, diverse community, sharing common attitudes, interests, and goals supporting personal and professional growth.

Institutional Learning Outcomes

Lindenwood University is committed to preparing its graduates for a world of increasing complexity, innovation, and change. Accordingly, developing and demonstrating the following Institutional Learning Outcomes (ILOs) is central to the educational spectrum at Lindenwood.

ILO-1 Lindenwood graduates have broad, integrative, and specialized knowledge.

- 1.1 Human Cultures and the Physical and Natural World: Lindenwood students understand human cultures and the physical and natural world.
- For undergraduate students, ILO 1.1 includes the following components:
 - 1.1.1 Natural Sciences: Lindenwood graduates understand scientific concepts and/or methods of scientific inquiry.
 - 1.1.2 Mathematics/Numeracy: Lindenwood graduates understand mathematical concepts, problem-solving, and/or connections.

- 1.1.3 Social Sciences: Lindenwood graduates understand accepted theories and/or concepts in the designated field.
- 1.1.4 Literature: Lindenwood graduates understand literary elements, including style, tone, genre, mode, plot, character, and theme.
- 1.1.5 Philosophy: Lindenwood graduates understand philosophical works, perspectives, questions, and/or traditions.
- 1.1.6 Religion: Lindenwood graduates understand religious perspectives and/or traditions.
- 1.1.7 U.S. History and Government: Lindenwood graduates understand historical and/or political perspectives about the United States.
- 1.1.8 World History: Lindenwood graduates understand world history, including change over time, causation, context, and/or the roles of contingency and complexity.
- 1.1.9 Foreign Language: Lindenwood graduates understand language, traditions, histories, and/or literary texts specific to the culture being studied.
- 1.1.10 Foreign Culture: Lindenwood graduates understand aesthetic, political, economic, religious, social, and/or historical traditions of non-United States cultures.
- 1.1.11 Arts: Lindenwood graduates understand artistic techniques, processes, principles, forms, structures, functions, traditions, histories, and/or relationships.
- 1.1.12 Communication: Lindenwood graduates understand communications methodology, theory, and technology, including compositional strategies and rhetorical structures appropriate to various contexts and media.
- 1.2 Integrated Perspectives: Lindenwood graduates have integrated perspectives.
- 1.3 Specialized Knowledge: Lindenwood graduates have specialized knowledge.

ILO-2 Lindenwood graduates have essential habits of mind.

- 2.1 Ethical Reasoning: Lindenwood graduates can reason ethically.
- 2.2 Adaptive Thinking: Lindenwood graduates can think adaptively.
- 2.3 Critical Thinking: Lindenwood graduates can think critically.
- 2.4 Innovative Thinking: Lindenwood graduates can think innovatively.

- 2.5 Diverse Perspectives: Lindenwood graduates can apply diverse perspectives.
- 2.6 Civic Responsibility: Lindenwood graduates can apply principles of responsible citizenship.

ILO-3 Lindenwood graduates have communicative fluency.

- 3.1 Written Communications: Lindenwood graduates are effective writers.
- 3.2 Spoken Communications: Lindenwood graduates are effective speakers.
- 3.3 Digital Communications: Lindenwood graduates can communicate effectively and ethically in a digitally connected world.
- 3.4 Quantitative Representations: Lindenwood graduates can support communications with quantitative evidence.

ILO-4 Lindenwood graduates have effective problem-solving skills.

- 4.1 Strategy: Lindenwood graduates can solve problems strategically.
- 4.2 Collaboration: Lindenwood graduates can solve problems collaboratively.

Accreditation

Lindenwood University is a member of and/or accredited by the following organizations:

The Higher Learning Commission

230 South LaSalle St., Suite 7-500

Chicago, IL 60604-1411

phone: (800) 621-7440/(312) 263-0456

fax: (312) 263-7462

info@hlcommission.org

The Accreditation Council for Business Schools and Programs

11520 West 119th St.

Overland Park, KS 66213

phone: (913) 339-9356

fax: (913) 339-6226

www.acbsp.org

American Chemical Society

1155 Sixteenth Street, N.W.

Washington, D.C. 20036

phone: (202) 872-4589

www.acs.org/cpt

The Council on Social Work Education

1701 Duke St., Suite 200

Alexandria, VA 22314-3457

phone: (703) 683-8080

fax: (703) 683-8099

info@cswe.org

The Commission on Accreditation of Athletic Training Education

2201 Double Creek Drive

Suite 5006 Round Rock, TX 78664

phone: (512) 733-9700

fax: 512-733-9701

www.caate.net

Council for the Accreditation of Educator Preparation

1140 19th St NW, Suite 400

Washington, DC 20036

(202) 223-0077

<http://caepnet.org>

The Council for Higher Education Accreditation

One Dupont Circle NW, Suite 510

Washington, DC 20036

phone: (202)-955-6126

fax: (202)-955-6129

chea@chea.org

The Missouri Department of Elementary and Secondary Education

PO Box 480

Jefferson City, MO 65102

phone: 573-751-4212

fax: 573-751-8613

<http://dese.mo.gov>

The Teacher Education Accreditation Council

One Dupont Circle NW, Suite 320

Washington, DC 20036

phone: (202) 466-7236

www.teac.org

Lindenwood is fully endorsed by the following organization:

The Society for Human Resource Management

1800 Duke St.

Alexandria, VA 22314

phone: (800) 283-7476

www.shrm.org

Out of State Licensure and Certification -Student Right to Know

Out of State Licensure and Certification | Lindenwood University

Proficient Graduates

Success

Lindenwood University has an excellent placement rate for its graduates because it educates the whole person. A degree from Lindenwood means that its holder is adept at reading, writing, speaking, and problem-solving—all the traits by which society judges a person's education level and general competence.

Liberal Arts Education

The university's General Education (GE) program assures that every Lindenwood graduate has been exposed to the essential knowledge amassed by humankind across the ages and has acquired the basic thinking and communication skills needed for both adapting to and shaping the world. Lindenwood's broad-based curriculum in the arts and sciences produces free men and women—enlightened, self-determining, productive citizens of a democracy.

Commitments

Assessment

The faculty, administration, and staff of Lindenwood University are dedicated to sustaining excellent educational programs and learning environments. Therefore, we are also committed to mission-based, comprehensive, and data-driven assessment for the purpose of continuous institutional improvement and effectiveness.

Given the above commitment, the Culture of Continuous Improvement statement below serves as a compass in guiding our assessment and continuous improvement efforts. The statement describes the type of institutional culture that is needed to live out that commitment.

A Culture of Continuous Improvement: Defining Characteristics

1. The institution publicly affirms its commitment to effectiveness and continuous improvement and, in so

doing, recognizes the need for accountability to its stakeholders.

2. The institution values effectiveness and continuous improvement in all facets and levels of its operations (e.g., individual professional development, classroom teaching and learning, program review, measurement of graduate success, student and employee satisfaction, governance).
3. Comprehensive and integrative assessment is conducted for the purpose of continuous improvement.
4. The leadership of the institution understands, values, and provides strong support for efforts related to assessment and continuous improvement.
5. Assessment *for* learning and *of* learning are valued, supported, and recognized.
6. Efforts to improve teaching are valued, supported, and recognized.
7. All aspects of the assessment process are conducted with a spirit of collaboration among colleagues within all programs and departments. There is collective investment in the commitment to effective teaching and learning and to overall institutional effectiveness.
8. Both faculty and staff value inquiry and the important role of evidence in the decision-making processes associated with continuous improvement. Multiple forms of direct and indirect evidence are used to make decisions annually.
9. Assessment processes and results are integrated within the institution's planning and budgeting processes – the institution commits the necessary resources to support its assessment program, and assessment results inform both planning and budgeting.
10. The institution understands the critical importance of sustainable and transparent assessment practices, including documenting and sharing intended outcomes and objectives, appropriate methods of assessment, the results of assessment, and initiatives to “close the loop” wherein the results are used for continuous improvement.

Notice of Non-discrimination

Lindenwood University does not discriminate on the basis of race, color, national origin, age, sex, sexual orientation, pregnancy, religion, disability, veteran status, or other protected status protected under applicable federal or state law. This policy extends to its admissions, employment, activities, treatment, educational programs, and services.

Lindenwood University is committed to a policy of non-discrimination. Any kind of discrimination, harassment, intimidation, or retaliation is unacceptable. For the purpose of this policy, discrimination, harassment, intimidation, or retaliation may be defined as any attempt on the part of

individuals, groups, or recognized campus organizations to deny an individual or group those rights, freedoms, or opportunities available to all members of the Lindenwood University community.

The following persons have been designated to handle inquiries regarding Lindenwood University's non-discrimination policies:

Ms. Kelly Moyich
Title IX Coordinator
kmoyich@lindenwood.edu
(636) 255-2275
209 S. Kingshighway
Library and Academic Resources Center 209
St. Charles, MO 63301

Dr. Shane Williamson
Associate Vice President and Dean of Students
swilliamson@lindenwood.edu
(636) 949-4728
209 S. Kingshighway
Evans Commons 3030
St. Charles, MO 63301

Dr. Deb Ayres
Vice President, Human Resources
dayres@lindenwood.edu
(636) 949-4405
209 S. Kingshighway
Stumberg Hall 9
St. Charles, MO 63301

The following persons have been designated to handle inquiries regarding Lindenwood University's disability services.

Mr. Jeremy Keye
Manager, Student Support and Accessibility Program
jkeye@lindenwood.edu
(636) 949-4510
209 S. Kingshighway
Library and Academic Resources Center 353
St. Charles, MO 63301

Any person may also direct inquiries to the U.S. Department of Education's Office for Civil Rights. Lindenwood University is an equal opportunity employer.

Lindenwood University complies with the Civil Rights Act of 1964, as amended; the Equal Pay Act of 1963; the Age Discrimination in Employment Act of 1967; the Americans with Disabilities Act of 1990; Drug Free Schools and Communities Act of 1989 (Public Law 101-226) as amended; the Drug-Free Workplace Act of 1988 (Public Law 101-690); the Student Right-to-Know and Campus Security Acts of 1990 (final regulations published 1995, as revised 1999); and the Campus Securities Disclosures Section 485 of the Higher Education Amendments of 1992 (final regulations published 1994, with technical corrections published 1995, as revised 1999); the Equity in

Athletics Disclosure Act (the Higher Education Amendments of 1992, as revised in the Amendments of 1998); and the Family Educational Rights and Privacy Act of 1974 (the Buckley Amendment), as amended, including Section 507 of the Patriot Act of 2001 and seeks to provide a healthy, safe, and secure environment for students and employees.

Diversity, Equity, and Inclusion

Lindenwood University is proud of its diverse population of faculty, staff, and students from all corners of the world. We intentionally design our policies in such a manner that all stakeholders (whether students, employees, or visitors) will be treated respectfully, fairly, equitably, and with dignity and inclusiveness in the pursuit and achievement of the objectives of their relationship with the university.

Additionally, we strive to ensure the opportunities afforded by the university for learning, personal advancement, and employment are offered to all without discrimination, and that we always provide a safe, supportive, and welcoming environment for all students, employees, and visitors. Upholding a culture of *diversity, equity, and inclusion* means that people of different cultures, races, colors, genders, ages, religions, orientations, affiliations, sexual orientations, socio-economic backgrounds, disabilities, or countries of origin shall not be mistreated or discriminated against on the basis of their differences. Therefore, all Lindenwood policies, facilities, resources, activities, and privileges, irrespective of individual differences, are made available and accessible to everyone in our campus community.

At Lindenwood University, we will strive to

- Offer collaborative and integrated academic, co-curricular and sporting programs that provide mutually beneficial experiences to our diverse body of students.
- Pursue and promote mutual understanding, respect, and cooperation among our students, teaching and non-teaching staff, contractors, suppliers, and visitors to our community who represent the aforementioned differences.
- Encourage and promote the empowerment and advancement of minority groups within our community through academic and social activities, offering activities of special interest to them, and affording them equal-opportunity integration within our community.
- Respect the knowledge, skills, and experiences that every person in our community brings to the university.
- Design and operate flexible and easily accessible services, facilities, and activities whose procedures appropriately recognize the needs of everyone in our community.
- Make every effort to ensure that our current and future contractual agreements and obligations fully reflect and

embrace our commitment to the philosophy and culture of *diversity, equity, and inclusion* as delineated in this statement.

- Encourage all faculty and staff members to promote *diversity, equity, and inclusion* throughout our community.
- Protect every member of our community against all forms of discrimination.

Lindenwood University System

Lindenwood University

Lindenwood's St. Charles, Mo., campus, located at 209 South Kingshighway in the heart of St. Charles, is the original campus founded by George and Mary Sibley in 1827. Historic buildings grace the tree-lined walks and house classrooms, administrative offices, and student residences.

Campus Life

Athletics

Intercollegiate, intramural, and recreational sports are an important part of the Lindenwood extracurricular life. Intramural and recreational sports offer exercise and healthy competition to all students in the community, while intercollegiate athletics provide competitive opportunities within national organizations.

Intramural sports such as dodgeball, softball, volleyball (indoor and outdoor); soccer (indoor and outdoor), basketball, flag football, and more are available for all students to participate in. Students can sign up for any intramural sport or event via the LindenRec app or at www.imleagues.com.

Lindenwood University is a member of NCAA Division II. The university sponsors baseball, basketball, cross country, field hockey, football, golf, women's gymnastics, women's ice hockey, indoor and outdoor track and field, lacrosse, soccer, softball, swimming and diving, tennis, volleyball, and men's wrestling in NCAA Division II.

Intercollegiate athletics programs not associated with the NCAA compete under the Student Life Sports (SLS) umbrella. These programs include billiards, bowling, cheerleading (competitive and sideline), chess, cycling (road, mountain, downhill, Cyclo-cross, and BMX), dance (Lion Line, Lionettes, and Golden Line), ice hockey (men's), roller hockey, rugby, shotgun sports (American and International Trap and Skeet, and Sporting Clays), water polo, weightlifting (Olympic), and wrestling (women's).

Lindenwood Student Government

All undergraduate and graduate students are encouraged to participate in Lindenwood Student Government.

Lindenwood Student Government works to provide a structure for student expression and self-governance. Members of student government play a strong role in the academic and administrative decision-making process of the university through representation in various planning committees. For more information about Lindenwood Student Government, visit the office, located in Evans Commons Room 3040, or call (636) 949-4983. Students may access the Lindenwood Student Government website by visiting the Student Life page of the Lindenwood website at <http://www.lindenwood.edu/student-life/>. Students can email questions to lsgpresident@lindenwood.edu.

Student Organizations

Students may complement their academic experiences by becoming involved with some of the 90-plus student clubs and organizations on campus geared toward academic interests, special interest groups, fraternities and sororities, honor societies, departmental clubs, religious organizations, and recreational clubs. For more information on student organizations, including joining or creating an organization, access InvolveU via your student portal, stop by the Student Involvement Office in Evans Commons Room 3040, or visit the Student Life page of the Lindenwood website at <http://www.lindenwood.edu/student-life/>.

Leadership Development

All undergraduate and graduate students are provided with educational and engaging opportunities to explore, strengthen, and elevate their leadership skills. Opportunities such as Leadership Series, Collegiate Leadership Competition team, Lunch with Leaders, and Elevate Leadership Certification are available through Student Involvement. For more information, visit the office, located in Evans Commons Room 3040, or call (636) 949-4983.

LUTV All-Digital Television Channel

Qualified students may conduct practicums in the context of St. Charles County's only higher education television venue. The purpose of the station is to offer learning opportunities for Lindenwood's broadcast students, who operate the station under the supervision of the School of Arts, Media, and Communications faculty. The channel offers original programming designed to provide educational experiences and cultural enrichment. LUTV is available on Charter Cable, AT&T U-Verse and online through the Lindenwood website.

Radio KCLC FM 89.1 (HD-1 and HD-2)

Students may also participate in the operation of the Lindenwood all-digital radio station, KCLC-FM (HD-1),

through the School of Arts, Media and Communications. A 50,000-watt stereo facility, KCLC is the principal local radio station in St. Charles County and plays a major role in community affairs, providing entertainment programming, local news gathering, and sports broadcasting. KCLC-FM (HD- 2) is the secondary digital signal, which provides another format for the community and additional student opportunities. Both stations are available on the Internet.

Student Resources

Library and Academic Resources Center

This state-of-the-art, 100,000-square-foot building offers a wealth of amenities. In addition to a variety of academic support services, the new space offers students community spaces, a multimedia lab, gaming spaces with access to multiple gaming platforms, a theater, group study rooms, classroom spaces, a vastly expanded archives, Help Desk staff, a Starbucks location, quiet study spaces, and tutoring, all supported by Wi-Fi throughout.

In addition to the services mentioned above, over 23 million book titles are available through the library in conjunction with its membership in Missouri's statewide academic library consortium, MOBIUS. MOBIUS gives enrolled students physical and electronic access to public and academic library collections in Missouri, as well as access to the collections of the Colorado Alliance of Research Libraries (CARL). In order to take advantage of these resources, students must obtain a valid Lindenwood student ID.

The library subscribes to more than 90 online databases that are accessible through the library's website. A number of the databases provide full-text access to research materials. In addition to the databases, the library has purchased supplementary electronic tools that easily facilitate navigation of these online resources. A valid student ID is also required to access the library's databases.

Additional services available through the Library and Academic Resources Center include

- Access to reference librarians in person, via email, by telephone, or chat.
- Computer lab.
- Laptop checkout for the day.
- Hardcopy journal collections.
- An interlibrary loan service for any items not available at the Library and Academic Resources Center or through MOBIUS.

For current hours, students may contact the library at library@lindenwood.edu, by visiting www.lindenwood.edu/library, or calling (636) 949-4820.

The Writing Center

The Lindenwood University Writing Center, located in suite 333 of the Library and Academic Resources Center, offers tutorial assistance to students working on written assignments. Students are highly encouraged to make appointments on the Writing Center website. By scheduling an appointment through the Writing Center website, students can meet with tutors who are prepared to help students from all disciplines create and revise assigned work. Common issues tutors address include organization, sentence clarity, development, grammar, and usage.

Tutoring Services

Peer tutoring from many academic areas is available to help students who need help understanding course material. Peer tutors are student workers available in SASS within the Library and Academic Resources Center. Tutoring for course topics requiring special equipment or models will take place in the appropriate academic buildings outside of SASS. An available tutor list identified by topic and location can be found at <http://www.lindenwood.edu/tutor>. Students may also contact SASS at <mailto:sass@lindenwood.edu> or call (636) 949-4699 with additional tutoring services questions. Students are also encouraged to ask their classroom professors about possible tutoring assistance.

Lindenwood also offers online tutoring from Tutor.com, which is available to any Lindenwood student. Online tutors are available in a variety of subjects to work with students 24 hours a day, depending upon the subject area. Completed drafts of writing assignments may also be submitted to Tutor.com for detailed, personalized feedback. Students may access online tutoring through Canvas and the student portal.

Student and Academic Support Services (SASS) and Student Ombudsman

Students who experience problems of any type are encouraged to visit the Office of Student and Academic Support Services (SASS). SASS assists students in the resolution of obstacles that impede academic progress. SASS staff can assist with inter-office facilitation, institutional guidance, academic mentoring, and dispute resolution. The associate vice president for student and academic support services also works as a liaison between students and other university offices and serves as the official university-student ombudsman. SASS is located in the Library and Academic Resources Center, suite 346, and can be contacted at <mailto:sass@lindenwood.edu> or (636) 949-4699.

Wellness Center

The Wellness Center provides integrated health services guided by the Substance Abuse and Mental Health Administration. <https://www.samhsa.gov/>.

The Wellness Center, Student Counseling and Resource Center, and the Chaplain's office are housed in Evans Commons on the third floor. In the Wellness Center, BJC Student Health Center serves on-campus students and full-time undergraduate students for a variety of medical conditions, from illnesses and injuries to physical examinations, well woman examinations, STD testing/HIV testing, birth control counseling, minor procedures, anxiety and depression consultations and immunizations. The clinic has an on-site nurse practitioner to confidentially assist students with their healthcare needs. Walk-ins are welcome, but students with appointments take first priority.

The mission of The Student Counseling and Resource Center at Lindenwood University is dedicated to helping students at Lindenwood University achieve the kinds of academic success, personal growth, and balance that leads to rich, full, and healthy lives. We approach wellness, mental, physical, and spiritual health through a multidisciplinary approach of social justice, equity, diversity, and inclusion for all students. The vision of the SCRC is to promote better health outcomes, and raise awareness for the purpose of promoting the 8 dimensions of wellness, the mission of the SCRC, and the mission of Lindenwood University. The SCRC is also housed in Evans Commons on the third floor. Practicum and intern students also assist in meeting the demands of the SCRC. The SCRC offers confidential counseling and referrals for resources on and off campus that assist students in meeting SAMHSA's eight dimensions of wellness. The SCRC offers group counseling on various topics. Additionally, the SCRC partners with multiple campus organizations, offices, faculty, and staff for referrals and collaboration of workshops to educate students, faculty, and staff about wellness. Appointments for the SCRC can be made directly at 636-949-4522.

The job of Lindenwood University's Chaplain is to respond to the needs of our community, to those of various faith traditions or no tradition, who are asking the "big questions," and to help them find answers. The Chaplain works with the Wellness Center to assist students in meeting their spiritual needs. Lindenwood University provides an ecumenical environment that welcomes and supports all religious traditions. Students may access our Sacred Space, for daily prayers and meditation, located in Spellmann Center room 4150. Sibley Chapel hosts regular non-denominational Christian religious services. Lindenwood students can also participate in regular events at the Newman Center just across the street from the main campus. The University Chaplain, Rev. Dr. Nichole Torbitzky, is available to meet with anyone for counsel, spiritual direction, or pastoral care. The chaplain's office is located in the Wellness Center. Appointments can be made through (636) 949-4522 or (636) 949-4651.

Campus Accessibility for Students with Disabilities

The guiding philosophy of Lindenwood University is to make programs and facilities as accessible as possible to students with disabilities. The manager for student support and accessibility acts to ensure the accessibility of programs and assists and supports students with disabilities. Students who need assistance or accommodations for certified disabilities should contact the student support and accessibility manager at (636) 949-4510.

Students are encouraged to serve as their own advocates and to be responsible for obtaining special services offered by the university. If the coordinator is unable to satisfy a reasonable request, that request may then be directed to the office of the associate vice president for student and academic support services, located in the Library and Academic Resources Center, suite 346.

Office 365

Important messages including information about academic standing and financial aid are sent via the university's internal email system. Students will be held accountable for any information or due dates sent via the campus email system. Office 365 accounts are provided for all students and may be accessed from the Lindenwood homepage.

On-Campus Printing

Students are entitled to print an allotted number of pages per term at no cost from any on-campus computer. Resident students may print up to 500 pages per term; commuter students may print up to 300 pages per term. Once the total number of allotted pages has been reached, students may opt to purchase additional printing capabilities through the student portal for \$3 per 100 pages.

University Policies

Abuse of Student Portals

Any student, who gains unauthorized entrance to another student's portal, makes changes to another student's schedule via the student portal, or otherwise tampers with or compromises private or privileged communications will be expelled from Lindenwood University. Additionally, such actions will be brought to the attention of law enforcement officials and may be prosecuted through the legal system.

Cancellations Due to Inclement Weather

Only the president (or, in the president's absence, the provost or associate provost) has the authority to cancel classes in the event of severe weather. Should weather create potentially hazardous conditions, Lindenwood University will evaluate the situation and take into

consideration the safety of faculty, staff, and students as well as the services that must be provided despite the inclement weather. After this careful evaluation and depending on the hazardous weather conditions (e.g., tornado, snow/ice, etc.), an alert will be sent to students, faculty, and staff via a Rave system text message and email message, as necessary. This alert will detail the appropriate action required of faculty, staff, and students and will also specify the essential services that must be provided despite the inclement weather. Instructors are expected to schedule a make-up class meeting when evening classes are cancelled due to inclement weather.

In the unlikely event that the normal work and/or class schedule are to be altered, an announcement will be posted on the university's website (<https://lindenwood.edu>). An announcement will also be distributed via email and the Rave system. Separate announcements may be made regarding evening classes (those classes starting at or after 4 p.m.).

The university strives to maintain its teaching, research, and service activities in accordance with established schedules and operational demands. To this end, suspension or cancellation of classes due to inclement weather will be avoided whenever possible. Because certain essential functions of the university must be provided at all times, campus operations will not be suspended in the event of severe weather even though classes may be cancelled.

Campus Tobacco Use

Tobacco use is prohibited on campus and in all campus buildings. Tobacco includes, but is not limited to, cigarettes, cigars, pipes, water pipes (hookah), electronic cigarettes, smokeless tobacco, snuff, chewing tobacco, and any non-FDA approved nicotine delivery device.

Filing a Grievance

The university has established a number of appeal and grievance procedures (such as the process for appealing the suspension of financial aid). If students should have a grievance that falls outside of the established policies, students may submit a formal complaint to the student ombudsman at complaints@lindenwood.edu. More information about the current complaint procedures can be found at <https://www.lindenwood.edu/about/consumer-information/student-right-to-know/student-complaint-procedure/>.

Lindenwood University shares information from students' formal written complaints with the Higher Learning Commission as part of its normal accrediting process. This information is shared in such a manner as to shield the individual identities of all complainants. No letters or documents revealing the identities of individual complaints will be shared without the express written permission of the complainants.

Firearms Policy

No person is permitted to carry firearms or other weapons, either concealed or visible, on Lindenwood property or to any Lindenwood class. The only exception to this policy applies to duly sworn, on-duty law enforcement officers. Off-duty police officers may carry concealed weapons to their Lindenwood classes only if authorized to do so by their employer and the states of Missouri or Illinois.

Recording and Electronic Devices

During classroom instruction and testing, the use of cameras, video, audio taping devices, or any other kinds of electronic devices (including telephones, Google glasses, and Bluetooth devices) is allowed only after obtaining written permission from the instructor; otherwise, the use of such devices is prohibited.

Electronic devices used for prosthetic or accessibility purposes may be used only after the faculty member has received a signed accommodation letter from the accessibility officer. Any recordings made during class may not be redistributed to anyone not a member of the class without the express written permission of the instructor and all student subjects of the recording.

Recorded video sessions of a class may be used within that class as long as the videos are password-protected. Recordings that involve students cannot be used in future classes. Video sessions of lectures recorded outside of the classroom by the instructor that do not involve students may be used by the instructor in future classes. Students may download electronic course materials for personal use only.

Photo Usage

As a student at Lindenwood University, you may be photographed on campus or at campus events, and those photographs may be used on Lindenwood's website, social media sites, and in promotional materials for the university.

ADMISSION, APPLICATION, AND FEES AND FINANCIAL ASSISTANCE

Undergraduate Admissions

Admission Standards

The university expects applicants to have sound academic preparation for college. Each applicant's academic record is carefully examined to determine whether the student has the potential to succeed at Lindenwood.

Lindenwood University consciously seeks a diverse student body and welcomes applicants from all socioeconomic, religious, and ethnic backgrounds. The university also values geographical diversity and welcomes international students.

Selection Criteria

Candidates applying to Lindenwood University are evaluated by the Office of University Admissions. Lindenwood recommends that applicants have completed at least 16 units of high school study in academic areas from an accredited institution before applying for admission. (One year in a subject is considered an academic unit.) While no single program of academic preparation is required for admission to Lindenwood, a university preparatory curriculum is preferred; a student's high school records should reflect four years of study in English and English literature and at least three years of study in natural science, mathematics, and social studies. The university also recommends two years of study in a foreign language as well as some study in the areas of fine and performing arts.

Applicants who are offered admission to Lindenwood University are admitted with the provision that all high school graduation requirements will be completed prior to attending the university. A final high school transcript must be submitted to the Lindenwood Office of University Admissions after the applicant's high school graduation and must include the applicant's date of graduation. Transfer students must also submit all official transcripts as a provision of acceptance.

Application

U.S. Citizen and Permanent Resident Application

To be considered for admission to the university, an applicant's file must include each of the following documents:

- Online application.
- Official transcripts indicating graduation from the last high school attended or from a home school program. A GED certificate may be provided in lieu of the high school transcript. Candidates who do not have a high

school diploma or its recognized equivalent and who meet the requirements outlined by the U.S. Department of Education may submit, in lieu of such documents, a passing score on the Ability to Benefit (COMPASS) exam. Students interested in taking the exam should discuss this possibility with an admissions representative.

- Official college transcript(s) from all institutions attended.
- Lindenwood University is a test-optional university. At time of application, students may decide whether they wish for test scores (ACT or SAT) to be considered for admission. For students submitting test scores as part of their application file, Lindenwood will accept self-reported test scores. Freshman applicants can list test scores on their Common Application, and these scores will meet the requirement for admission. All freshmen admitted and who ultimately enroll at Lindenwood, including those students admitted as test-optimal applicants, must submit official test scores prior to the start of their first term. Official scores will be required prior to the start of the term for all applicants for placement and reporting purposes.
- Freshman applicants can list test scores on their Common Application, and these scores will meet the requirement for admission. The Lindenwood code for reporting purposes is 2324 for the ACT and 6367 for the SAT. Applicants who have been out of high school for five or more years, applicants with 24 or more transferable college level credits, or those given approval by the director of admission may not be required to submit scores from standardized tests, although such scores are recommended. Satisfactory standardized test scores are required for all students majoring in education.
- Transfer students applying for undergraduate semester programs with less than 24 hours of transferable college credits are also required to meet the freshman admission standards by submitting official test scores and high school transcripts.

Once the application is submitted, an admissions counselor will contact the applicant to answer any questions and assist in the admission process. The application and application materials may be mailed to Lindenwood University, The Office of University Admissions, 209 South Kingshighway, Saint Charles, MO 63301 or submitted online at admissions@lindenwood.edu. Applicants may call (636) 949-4949 with any admissions related questions. Upon review of a completed admissions file, Lindenwood University will review all applicants for acceptance. Additional documents may be requested based on application submission and criteria review.

Transfer Student Application: U.S. Citizens and Permanent Residents

Applicants seeking to transfer university credits awarded at another institution must submit all official transcripts from the college or university previously attended directly to the Lindenwood Office of University Admissions.

Note that while there is no limit on the number of credit hours that may be transferred to Lindenwood, not all credits may transfer, and some credits may transfer only as electives. Please note the following additional terms, conditions, and requirements regarding the transfer of credit to Lindenwood University:

- All credit hours accepted in transfer must be from regionally accredited colleges and universities, or as approved upon further review by Academic Services on a case-by-case basis.
- In order to count toward graduation, all transferred credits must be earned at the 10000-level or above. Preparatory courses will not be accepted for transfer by the university.
- Courses taken between the 10000- and 40000-level for which a passing grade has been earned and that contain content and credit similar to that of a Lindenwood course will be transferred onto the student's transcript as equivalents of Lindenwood courses and credits. (Only credit hours will be transferred; grades earned at other colleges will be made available on the student's transcript for advising purposes but not computed into the Lindenwood University GPA.)
- Lindenwood academic departments will determine the equivalency of each transferred course relative to the department's respective degree requirements. If the content of a transferred course is unlike any course offered at Lindenwood but within the university's programmatic range of studies, elective course credit may be granted.
- If the transfer credit is unrelated to any Lindenwood program, a maximum of 12 hours of technical credit may be granted. The appropriate department will determine whether and how the evaluated transfer credit may be used to meet major and minor requirements.
- Credits accepted from another institution that correspond to 30000-level Lindenwood courses or higher will be recognized as fulfilling the university requirement that students complete 42-credit hours at or above the 30000-level. Such courses will also count toward the 120 credit hours required for graduation.
- Lindenwood will accept grades of D or better in transfer except for courses equivalent to ENGL 15000, EPP 15000, and ENGL 17000, which must be transferred with a grade of a C or better. However, a transferred grade of D in those classes will be counted

for credit toward other general education and elective requirements.

- A student transferring to Lindenwood University with a D in a major course or a major course prerequisite may be required to retake the course at Lindenwood University, as dictated by the policies of the department in which the student is completing a major. Decisions concerning requirements to retake courses will be left up to the department chairperson (or school dean if the department chairperson is unavailable) who has authority over the major. If a transferred course in which a D is earned is retaken, the transferred course credit will be removed from the transcript.
- Grades of P (pass) and other equivalent non-qualitative grades will be accepted in transfer and may count for either general education or elective credit. **
- Due to the impact of the COVID-19 Pandemic, Grades of P (pass) and other equivalent non-qualitative grades earned in Spring or Summer 2020 terms will accepted in the transfer process to satisfy the prerequisite where a minimum grade of C or better is required.**
- Due to the impact of the COVID-19 Pandemic, grades of P (pass) and other equivalent non-qualitative grades earned in Spring or Summer 2020 terms will accepted in the transfer process to satisfy a major or minor course requirement.**

*Updated after publishing - May addendum - 5/15/2020***

Notes: (1) Appeals of transfer credit evaluations should be submitted in writing to the registrar.

(2) For information about transferring credit for experiential learning or proficiency exam credit, please see Earning Credits by Examination, or Earning Credits through Experiential Learning or Professional Experience.

In addition to the terms outlined above, the following criteria must be met in order for students to qualify for degree conferral:

- A transfer student must successfully complete a total of 30 credit hours in residence at Lindenwood University, with the successful completion of the last 24 credits leading to a degree being taken within the Lindenwood University system.
- A transfer student must complete the greater of 18 credit hours or 40 percent of the courses required for his or her major, minor, concentration, or emphasis at Lindenwood University, but a department or school may require a higher minimum number of hours to be taken at Lindenwood University in the major, minor, concentration, or emphasis area to earn a degree.

International Student Application

To be considered for admission to the university, all international students are required to submit the following documents:

- Online student application or The Common Application.
- Official transcripts indicating graduation from the last high school attended, along with official transcripts of any college or university attended, if applicable. Transcripts from U.S. schools must be original and sent directly from the U.S. institution. Transcripts from international schools must be in their original language and accompanied by a certified English translation. For procedures to receive transfer credit see *Application for the Transfer of International Credit*. These documents will not be returned to the student. They will become part of the student's official file at Lindenwood University.
- Official TOEFL, IELTS, or Duolingo score. For score reporting, the Lindenwood University code is 6367.
 - Required minimum TOEFL scores:
 - 61 (Internet-based)
 - Required minimum IELTS score: 5.5
- Affidavit of support verifying the amount of personal or family funds (in U.S. dollars) available for tuition, personal costs, and educational expenses (books, insurance). The affidavit should provide an official document or statement from the applicant's bank. Documents must be in English. To submit an affidavit of support, fill out the form available on the international admissions webpage.
- Passport (clear, readable copy of the identification page).

Notes: (1) The minimum TOEFL and IELTS scores listed above are requirements for admission to the university. Upon arrival, students will also undergo on-site English language testing to determine English language proficiency.

(2) For information regarding the transfer of credit for particular coursework, go to Academic Procedures Transferring Credit (p. 31).

The Student Application or Common Application should be completed online and all required application materials should be scanned in PDF format and emailed to international@lindenwood.edu. Hard copies of required admission documents can be mailed to: Lindenwood University, Office of Admissions and Services for International Students (OASIS), 209 South Kingshighway, Saint Charles, MO 63301 USA. Preferred format is scanned in PDF and emailed.

Application for the Transfer of International Credit

If an international candidate wishes to transfer credit to Lindenwood from an international institution, the applicant

must apply for a course-by-course evaluation from World Evaluation Services (WES). No application for the transfer of international credit will be complete until the WES evaluation is provided. Applicants should list Lindenwood University as the recipient of the evaluation. WES will also provide a copy of the evaluation directly to the applicant. Applicants should keep a copy of the evaluation for their records. For more information about transcript evaluation, contact WES at <http://www.wes.org>. Also see *Academic Procedures Transferring Credit from International Institutions*. (p. 31)

Notes: (1) Students must request a course-by-course evaluation (not a document-by-document evaluation) in order to transfer credit to Lindenwood for particular coursework.

(2) The cost for the evaluation of international transcripts will be incurred by the applicant.

Transfer Student Application: International Students Transferring from Other U.S. Programs

In addition to submitting the materials required for admission, international students wishing to transfer to Lindenwood from a SEVIS-sponsored school should also submit the following documents:

- Official transcripts from the college or university previously attended, sent directly to Lindenwood University.
- The SEVIS transfer eligibility form (found on the Lindenwood University website on the transfer international undergraduate students homepage), along with the letter of acceptance from Lindenwood University should be sent to the appropriate official at the school the student previously attended, where it will be processed and returned to the Lindenwood University Office of Admissions and Services for International Students (OASIS).
- The student's transfer will not be considered complete until Lindenwood University receives the completed transfer paperwork. Once the transfer application has been processed, and an enrollment deposit is received, Lindenwood will issue the student a Lindenwood I-20, permitting the student to legally reside in the U.S. as a full-time international student.

The SEVIS transfer eligibility form should be sent to the Office of Admissions and Services for International Students' (OASIS) direct email account, international@lindenwood.edu.

Note: The terms, conditions, and requirements regarding the transfer of credits to Lindenwood University for international students corresponds with the criteria listed in Transfer Student Application: U.S. Citizens and Residents.

International students must arrive on the designated date prior to the start of classes each semester to move into

housing. Upon arrival, international students will be required to attend a mandatory orientation session to the university and an introduction to academic programs and requirements.

Health Insurance for International Students

Students are encouraged to be insured while studying in the United States. Lindenwood University does not provide insurance for students. Students may carry any health insurance policies they choose.

Health Requirements for Incoming Students

In accordance with the Missouri Senate Bill 197, all applicants and students who took a term off and are now returning (except students born before 1957 and any student who is enrolled in an online degree program) must provide proof of the following immunizations prior to enrolling in the subsequent term:

- Meningococcal Vaccination or waiver
- Tuberculosis (TB) Screening Questionnaire

Financial Assistance

Financial aid is available to all qualified students. Financial need may be met through a combination of state, federal, and institutional aid. Federal grants are outlined elsewhere in this catalog. Institutional awards and grants are offered in the areas of academics, leadership, athletics, and the fine arts.

The financial aid program provides assistance to students with financial need who would otherwise be unable to receive an education. Financial need is calculated as the difference between the cost of attendance and the expected family contribution from the student and parent(s). The primary responsibility for paying the student's education expenses rests with the student and the student's family, and the university expects both the student and parent(s) to make a realistic contribution to meet these costs; financial aid is a supplement for those students and families who cannot afford the entire cost of a university education.

Financial aid is provided in the form of an award, grant, or loan and/or work funds that will help meet this need. What the student is expected to pay is determined by a standard analysis of the financial statement the student and family must file. Lindenwood University uses the Free Application for Federal Student Aid (FAFSA) to determine eligibility for all Title IV and institutional assistance. Upon completion of all documentation necessary to establish eligibility, financial assistance will be posted to student's accounts at least once each term.

To be considered for financial assistance, a student applying for need-based aid must complete a FAFSA (Free Application for Federal Student Aid) online at <http://www.fafsa.ed.gov>. The Lindenwood University

school code is 002480. If students have any questions about their SAR (Student Aid Report), they are encouraged to call 1-800-433-3243. Lindenwood does not require students to fill out supplementary fee-based forms to determine eligibility for institutional financial aid.

All students wishing to receive Title IV aid must submit a valid set of Student Aid Reports or a valid ISIR (Institutional Student Information Record), which results from the processing of the FAFSA, and must complete any required verification.

Taxability of Scholarships and Grants Disclosure

Lindenwood University currently applies institution-granted scholarships/grants to student accounts in the following order: 1) tuition, 2) fees, 3) books, 4) room, and 5) board. If a student receives scholarships during the calendar year that exceed the cost of tuition, fees, books, supplies, and equipment, the amount that exceeds those costs should be reported by the student as taxable income. The university is required to send information to students and the Internal Revenue Service (IRS) about the student's payments toward tuition charges, grants, and scholarships on Form 1098T. Students are responsible for using this information as well as their own records to complete their tax returns.

Non-U.S. citizens and non-permanent resident aliens may be subject to U.S. taxation. The university uses the GLACIER Online Nonresident Alien Tax Compliance System to gather required information about international students in order to facilitate the tax-withholding determination. Any portion of institution granted scholarships/grants that exceed the cost of tuition, fees, books, supplies, and equipment may be subject to a taxation rate of up to 14 percent for students who have an F, M, J, or Q visa, while all other visa types may be subject to a taxation rate of up to 30 percent. Non-U.S. citizens and non-permanent resident aliens may contact the non-resident employee compliance specialist at (636) 219-1273 to discuss questions about GLACIER or taxation.

Institutional Aid

The mission of the Lindenwood University Grant System is to make it possible for the student to earn a college degree when that aspiration would otherwise be financially prohibitive for the student. In short, the Lindenwood University Grant System (institutional merit- and need-based gift aid) is intended to fill a funding gap and enable a student with need to pursue a college education. The "gap" is the difference between the total cost of tuition, room, board, and fees, and the sum of all personal and outside funding available to the student. The intent is for Lindenwood and the student to share equitably in covering the cost of the student's college education.

A variety of scholarships and grants are awarded to students who have excelled in fields of study, community

activities, the arts, or athletic competitions. Lindenwood University's admissions and student financial services staff can advise prospective students of the full program of grant and scholarship availability. Although Lindenwood University grants and scholarships are credited in total at the beginning of each term, they are actually earned as charges are incurred.

Lindenwood University encourages students to apply for any outside scholarships for which they may be eligible. Scholarships or tuition benefits from outside private and nonprofit institutions or organizations are another way to help finance undergraduate education. Students must report all anticipated outside resources, including scholarships, grants, fellowships, tuition benefits, veteran benefits, or any other type of financial resources to the Office of University Admissions. Lindenwood admissions/student financial services counselors can advise prospective students and families of the policies and procedures regarding grants and scholarships.

In certain cases, outside awards may reduce eligibility for other financial aid or loans. Under NCAA rules, athletes must report the reason for their external awards, whether given based on athletic ability or based on some other criteria, such as academic merit or interest, non-athletic talent, ethnicity, residency, employment affiliation, etc. In certain circumstances, NCAA student-athletes may not be eligible to accept outside awards.

In no case may the total award exceed the cost of attendance (room, board, tuition, books, and fees). When a student becomes eligible for additional outside support above the cost of attendance, that revenue reduces institutional merit- or need-based grants. Scholarship checks received by the Office of University Admissions will be distributed to the current term of enrollment, unless otherwise indicated in writing by the donating organization.

Student Employee Programs

Lindenwood University employs students through regular part-time and full-time jobs and through the Federal Work Study Program. Jobs are offered at 10, 15, and 20 hours per week for part-time workers, and 40 hours per week for full-time workers. Some student worker opportunities are skill based and others are filled on a first-come, first-serve basis. Wages vary by position and skill level.

Lindenwood's Student Employee Program operates on a three-tier model. Each tier is designed to serve a particular function and is paid an hourly wage in accordance with that function. Employment lengths vary by position. Lindenwood University is an "at-will" employer and student employees may be released prior to their service end date without cause or notice. Student workers are paid on a bi-weekly payroll cycle and receive their checks through direct deposit. All student workers are required to set up a payment plan with the Business Office within five

days of their hire date. Those who fail to do so will not be eligible to participate in the program. To be considered for the Student Employee Program, students must be "unconditionally" admitted into the university, enrolled in classes, and in good standing with the university.

Federal Financial Aid

Federal Pell Grant Program

Eligibility is determined by the Pell Grant processor and is based on a student's Estimated Family Contribution (EFC). The student must submit the Free Application for Federal Student Aid (FAFSA) and request that pertinent financial data be sent to the Pell Grant processing agency for determination of eligibility. The results are forwarded to the student in the form of a Student Aid Report (SAR). Electronic filing results will be sent directly to the institution in the form of an Institutional Student Information Record (ISIR). Pell Grant eligibility is limited to six full-time years.

Federal Supplemental Equal Opportunity Grant (FSEOG)

Eligibility for this grant depends on the extent of a family's inability to pay the educational costs, which is determined by an analysis of the family's financial situation, as reflected on the Student Aid Reports.

Federal Work-Study Program (FWS)

This program provides work opportunities for needy students. Eligibility is dependent on the extent of financial need, as determined by an analysis of the FAFSA. If a student is awarded work-study funds as part of the financial aid package, that student may seek employment on campus. Ordinarily, a student will work 20 hours per week while attending school.

Federal Loan Programs/Direct Subsidized Federal Stafford Loan

The federal government guarantees loans from \$3,500 to \$5,500 for eligible undergraduates. These loans are made by the Department of Education and interest is subsidized. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate: <https://studentaid.ed.gov/types/loans/interest-rates>.

Students must file the FAFSA to determine eligibility for a Stafford Loan. Subsidized loan eligibility is limited for first-time borrowers to 150 percent of the length of the borrower's educational program.

Unsubsidized Federal Stafford Loan

Students who meet the eligibility requirements under section 484 of the Higher Education Amendments and who do not qualify for interest subsidies under the Stafford

Loan program may borrow under the Unsubsidized Stafford Loan program. Like the Federal Subsidized Stafford Loan program, the Unsubsidized Stafford Loan is available to all eligible students, and students must complete a valid need analysis.

Unsubsidized Stafford Loans are not need-based; interest accruing on the loan is not subsidized (or paid) by the federal government while the student is in school. Students must therefore make interest payments while in school or allow the interest to capitalize. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate: <https://studentaid.ed.gov/types/loans/interest-rates>.

Federal Parent Loans (FPLUS)

Parents may borrow for dependent undergraduate or dependent graduate and professional students. The maximum amount a parent may borrow on behalf of each eligible student is limited to the cost of education, less financial aid. These loan limits do not include amounts borrowed by a student under the FSL programs. FPLUS loans do not qualify for interest subsidy. Interest rates for federally guaranteed student loans are set annually. Please consult the Department of Education website for the current interest rate: <https://studentaid.ed.gov/types/loans/interest-rates>.

Veterans' Benefits

Veterans and service members who believe they may be eligible for benefits can receive information and applications through the Veterans Affairs Center. Educational assistance may be provided to widows or children of veterans who have fallen in service or who are disabled as a result of service-related injuries. Spouses and children of disabled veterans may also be eligible for assistance as determined by the United States Department of Veterans Affairs.

It is the responsibility of the students to notify the VA certifying official of any changes in their class schedules, degree, or major. The VA school certifying official must promptly report changes to the Department of Veterans Affairs when notified that a veteran is making unsatisfactory progress or has withdrawn from a class or from studies.

The Department of Veterans Affairs requires that institutions report specific information, and as a condition of being certified to receive benefits from the VA, the student receiving such benefits acknowledges the following policies, which may differ from those required of other students at Lindenwood:

- The university will notify the VA of all terminations, interruptions, or changes in semester-hour load within 30 days of occurrence. This may change the benefits available to the student.

- The student accepts the responsibility of notifying the registrar, the VA certifying official at the university, and the student's advisor immediately in case of withdrawal from any course.
- The student accepts the responsibility of notifying instructors of any expected absence from class. A student may be withdrawn by the university for excessive absence.
- The school certifying officials shall inform the Department of Veterans Affairs that progress is no longer satisfactory with the accumulation of 12 or more credit hours of F grades.
- Students receiving benefits through the Department of Veterans Affairs must comply with the university's general policies regarding withdrawal, attendance, and satisfactory progress.

This institution abides by Section 103 of the Veterans Benefits and Transition Act of 2018. This policy ensures that we will not impose any penalty, including the assessment of late fees, the denial of access to classes, libraries or other institutional facilities, or the requirement that a Chapter 31 or Chapter 33 recipient borrow additional funds to cover the individual's inability to meet his or her financial obligations to the institution due to the delayed disbursement of a payment by the U.S. Department of Veterans Affairs.

If you have any questions regarding veteran's education benefits including federal and state tuition assistance for the reserves and National Guard components, please call the Lindenwood Veterans Affairs Center at the St. Charles campus at (636) 627-2922.

Fees and Payments

When students have accepted an offer of admission to Lindenwood, students and their parents and/or guardians likewise accept all conditions of payment as well as all terms and regulations of the university. By making the non-refundable \$200 housing deposit (described below), the student and the parent or guardian acknowledge these terms and signify acceptance of these obligations. No promise or contract that differs from these terms shall bind the university unless it has been signed by the president or his designated agent. The university reserves the right to increase or reduce fees each year according to changes in fiscal conditions.

Housing Deposit

An initial \$200 housing deposit is required to reserve campus housing for residential students. By making the housing deposit, the student and the student's parent or guardian indicate acceptance of the terms and conditions of the university. No refund of this housing deposit will be granted to any student who withdraws from the university

after making this deposit but prior to the start of an academic term.

Per the Housing Contract, "The Deposit shall be held by University as security for the full and faithful performance of each provision of this Contract to be performed by Student. The Deposit is not a measure of University damages in case of Student's default hereunder. Upon receipt, the Deposit will be reflected as a credit on Student's financial account with University. A Deposit submitted in connection with a prior academic term may continue to satisfy Student's obligation to provide a Deposit under this Contract so long as such Deposit has not been otherwise applied by University to satisfy Student's outstanding obligations. If the room to which Student is assigned is damaged during the period in which Student is entitled to reside therein, the cost of such damage will be deducted from the Deposit. Any amounts deducted from the Deposit must be repaid by Student upon demand from University, and in any event prior to the start of the next academic term. The Deposit is not a cap on Student's responsibility for damages and Student will be charged for damages to housing that exceed the Deposit.

No refund of the Deposit will be granted if Student withdraws from attending University after making the Deposit but prior to the start or completion of an academic term. If Student elects to depart from on-campus housing at the end of the academic term, Student is entitled to a refund of the Deposit if Student has (a) satisfied all financial obligations to University and has no outstanding debts, (b) completed the residential checkout process, (c) otherwise complied with this Contract and returned the room to its original condition (subject to normal wear and tear), (d) submitted a "Request a Refund" form or similar application through the Student Portal, and (e) completed a Change of Status form in the Office of Residential Life or an Exit process, as applicable, in the Office of Student and Academic Support Services, which is located in the Library and Academic Resources Center, room 354. Failure to complete the Change of Status form or Exit process by January 1 for the spring semester or by June 1 for the fall semester will result in forfeiture of the Deposit."

Tuition and Fees

Full-time Traditional Undergraduate

12 - 18 credit hours	\$9,000
Overload fee (a charge to full-time students who take more than 18 hours in a term)	\$450/credit hour

Part-time & Non-Traditional Undergraduate

Undergraduate	\$450/credit hour
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Residential Charges

Standard (Double or Triple) - Residence Hall	\$4,600/16-week term
Single Room - Residence Hall	\$4,900/16-week term
Single Room - House	\$5,000/16-week term

Other Fees

Academic Integrity tutorial fee	\$25
Applied music course fee*	\$200/credit hour
Commuter Meal Plan	\$50/term
Conferral processing/diploma fee - undergraduate	\$100
Culminating project extension fee - undergraduate	\$50
Early College Start Off-site	\$60/credit hour
Early College Start On-site (Lindenwood)	\$100/credit hour
Enrollment deposit	\$200
Experiential learning credit	\$90/credit hour
Experiential learning/Portfolio fee (one-time)	\$300
Housing deposit (non-refundable)	\$200
Lab fee (in specified courses)	\$5-\$625/course
Late payment fee (per month)	\$50
New International Student fee - one time	\$100
Promissory note fee	\$25/term
Student Teaching fee	\$300
Studio course fee**	\$85/course
Studio fee (general)	\$30-\$75/course
Study Abroad fee	\$300

*Applied music fees are applied to individual lessons in piano, voice, orchestral instruments, and organ.

**Studio course fees are applied to courses such as ceramics, color theory, photography, and figure drawing.

Notes: (1) Provisions for "extended stay" housing and meals, degree programs, and tutoring and additional services are available upon request.

(2) Students are expected to pay tuition charges prior to the beginning of each term. Students may use financial aid (grants and loans) as payment. Student Aid Reports and loan applications should be submitted to the Office of Student Financial Services prior to the beginning of each term.

(3) The university provides complimentary internet service to resident students living in the dormitories and in certain other campus housing.

Payment Options

All tuition charges and fees are due prior to the beginning of the term. Students should consult their student account representatives in the Business Office regarding due dates or to make other payment arrangements prior to the beginning of the term. Alternatively, students may also use their student portals to remit payment. Payment options include the following items:

- Direct Corporate Invoicing is available for students who work for companies that require an invoice from Lindenwood University in order to process tuition assistance. It is the student's responsibility to ensure that the employer's tuition voucher is submitted to the Business Office before the payment deadline of each term. Failure to submit the necessary paperwork to the Business Office by the published payment deadline may result in late fees.
- The Corporate Promissory Note is available to students who work for companies that have tuition reimbursement plans. Proof of employment and a copy of the company's reimbursement policy must be on file in the Business Office. The amount of the promissory note cannot exceed the amount the employer pays for tuition for each term. The due date for all promissory notes is 30 days following the conclusion of the term for which the note applies. A monthly late charge will be assessed after this date. Also, the student will forfeit the privilege of executing a promissory note in any future term if payment is not received in full by the due date. By signing a promissory note, students give Lindenwood University permission to contact their employers if the note is not paid by the date due. Any payment or financial aid received prior to the promissory note due date will be applied to the balance appearing on the student's account. In addition, all transcripts and documents must be submitted to the Office of University Admissions to ensure that federal and state aid programs can be administered.
- Lindenwood offers monthly payment plans. The Tuition Payment Plan is an alternative to paying each term's tuition and fees (including on-campus housing expenses) in full by the due date. Students are able to enroll in a payment plan online in their student portal.

Per 16-Week Enrollment Fee	\$20.00
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Credit/Debit Card Fee	2.75% Domestic
Credit/Debit Card Fee	4.25% Foreign
ACH Payment Fee (Online Check)	No additional Fee

Delinquent Accounts

Students must meet all financial obligations to the university in order to qualify for continued enrollment or graduation. Each term, students must pay all money due to the university, including tuition, fees, parking fines, library fines, and any other financial obligation. A student with a delinquent account can expect the following consequences:

- Enrollment for the subsequent term will not be allowed.
- Final grades for the current term will be withheld.
- Unless otherwise prohibited by law, transcripts will not be issued for students who have unsatisfied financial obligations with the University.
- A diploma will not be issued.

The university reserves the right to withdraw any student who fails to meet his/her financial obligations to the university. Students who are withdrawn for nonpayment are liable for all charges on their student accounts at the time of withdrawal.

St. Charles City-County Library District Fines

The university, in cooperation with the St. Charles City-County Library District, will collect any fines or assessments due the library and bill them to the student's account. Any sums due will be treated like any other student fee.

Withdrawal and Refund Calculation

Within the first week of a term, a student may drop classes via the student portal without having to obtain the signature of a faculty member. No grade of W will appear on the student's transcript as a result of dropping classes during this week, and the classes will be dropped as a "never attended."

In the event that a student wishes to withdraw from a course or courses or from the university altogether, the following conditions apply with respect to the refund of charges.

- Any student who withdraws from the university prior to the start of the second week of a term is eligible for a refund of charges for that term except the initial enrollment and housing deposits, book vouchers, books, and other course materials. The refund of residential charges will be pro-rated.
- Any student who withdraws from all of his or her courses after the start of the second week of the term is eligible for a refund of the tuition charges (including

course-overload charges) for those courses, according to the schedule below.

Refunds for 12- & 16-Week Courses

Time of Withdrawal	Tuition Refund
Through week 1 of term (By Sunday 11:59 p.m. CST, Week 1)	100 percent
During week 2 of term (By Sunday 11:59 p.m. CST, Week 2)	75 percent
During week 3 of term (By Sunday 11:59 p.m. CST, Week 3)	50 percent
During week 4 of term (By Sunday 11:59 p.m. CST, Week 4)	25 percent
After week 4 of term	No refund

Refunds for 8 Week-Courses

Time of Withdrawal	Tuition Refund
Through week 1 of term (By Sunday 11:59 p.m. CST, Week 1)	100 percent
During week 2 of term (By Sunday 11:59 p.m. CST, Week 2)	50 percent
During week 3 of term (By Sunday 11:59 p.m. CST, Week 3)	25 percent
After week 3 of term	No refund

Refunds for 4- & 6-Week Courses

Time of Withdrawal	Tuition Refund
Through week 1 of term (By Sunday 11:59 p.m. CST, Week 1)	100 percent
During week 2 of term (By Sunday 11:59 p.m. CST, Week 2)	50 percent
After week 2 of term	No refund

- Any part-time or non-traditional student (enrolled in 11 or fewer credit hours) who withdraws from one or more courses after a term has begun is eligible for a refund of the tuition charges for those courses according to the schedule in the table above.
- Full-time undergraduate traditional students (enrolled in 12 to 18 credit hours) whose full-time academic status is not affected by the withdrawal from a course or courses they have already attended are not eligible

for any refund of tuition for the withdrawal from those courses.

- Any student wishing to completely withdraw from Lindenwood University after week one of classes should submit a completed withdrawal form, signed by the student's advisor or the Student and Academic Support Office (SASS) to the Office of Academic Services.

Notes: (1) Calculations of the return of Title IV aid for withdrawals occurring during the first two weeks of a term will be based on the last date of attendance for the term in which the student withdraws. Students who initiate a withdrawal from the university after the first two weeks of the term will be eligible for a refund of Title IV aid based on the date that the withdrawal form was submitted to Academic Services. A student who remains enrolled beyond the 60 percent point of the term will not be entitled to a return of Title IV aid.

(2) Any student who earns the grade of AF in all coursework within a term will be considered unofficially withdrawn for that term and will be subject to a Title IV refund calculation. Based on this calculation, a portion of Title IV aid may be unearned and required to be returned to the appropriate agency.

(3) Students should refer to their Housing Contract for terms and conditions. Application, lab, miscellaneous fees, and room reservation deposits are nonrefundable, except as indicated under the Housing Deposit section of this catalog.

Appeals of Refund Calculation

Appeals of withdrawal and refund calculations or other institutional charges from students and parents who feel that individual circumstances warrant exceptions from published policy should email the assistant vice president for the business office at BusinessOfficeAppeals@lindenwood.edu. In order to appeal a decision, the student must submit a written request including any evidence that would substantiate the appeal.

Refund Distribution of Financial Aid

After the amount of the refund has been calculated, the Student Financial Services Office will determine the Title IV refund amounts according to the calculation schedule approved by the U.S. Department of Education. Refunds to specific Title IV programs will be made to the following programs in the order outlined:

- Outstanding balances on FFEL Program Loans (Unsubsidized Stafford, Subsidized Stafford)
- PLUS
- Federal Pell Grant awards
- Federal SEOG awards
- Other Title IV student assistance
- Other federal, state, private, or institutional aid

7. The student

No Title IV program may receive a portion of the federal refund amount if that program was not part of the student's original package.

Cash Disbursements

When a student officially or unofficially withdraws from school and has received a cash disbursement for educational expenses that exceeds non-institutional costs of education up to that time, the student owes the excess amount to the Title IV program(s) that helped meet the student's educational costs. Lindenwood University will follow the same procedures used in the refund policy to determine which Title IV program(s) will receive the student-owed repayment. The university will notify, bill, and collect the amount owed the Title IV program(s) from the student.

Maintaining Financial Aid Eligibility

Satisfactory Academic Progress (SAP) for Financial Aid

Undergraduate Students

Students wishing to apply for and receive Title IV assistance must meet specific academic progress requirements in order to maintain Title IV financial aid eligibility. Satisfactory academic progress requires a student to accumulate a minimum number of credit hours over a maximum timeframe and a minimum cumulative grade point average for each period of attendance.

Satisfactory Academic Progress is determined by the following criteria:

- Quantitative Measurement
 - Pace of Progression (Credit Hours)
- Qualitative Measurement (GPA)
 - Maintain a minimum cumulative grade point average.

Students must complete attempted hours according to the following (Quantitative Measurement):

- Completion of 67 percent of cumulative hours attempted,
 - *i.e. 12 hours attempted, 8 hours must be completed ($8/12 = 67$ percent).
- Grades of "I," "W," or "F" are considered attempted hours.
- Transfer credit hours accepted by Lindenwood University will count as both attempted and completed hours.

- Once a student completes coursework for an "I" grade, or a grade is changed, academic progress will be reviewed again by the Office of Student Financial Services.

Students must maintain a minimum cumulative grade point average of 2.0 (Qualitative Measurement).

Maximum Time-frame

Degree requirements must be completed within a maximum time frame. Federal law requires a maximum time frame of no more than 150 percent of the published length of the undergraduate program. Hours earned at Lindenwood University and accepted transfer hours are included in this time frame. For an undergraduate program that requires 120 credit hours for completion, the maximum attempted hours would be 180 (120×150 percent = 180).

SAP Monitoring

A student's SAP will be evaluated at the end of each academic year. All periods of attendance will be included in this evaluation regardless of whether the student received financial aid. This evaluation will include a measurement of student's progress set forth in the qualitative standards (GPA) and quantitative standards (credits).

Financial Aid Suspension Reinstatement

If a student fails to meet the minimum requirements as stated in the qualitative and quantitative section, the student will be placed on financial aid suspension and will not be eligible for financial aid reinstatement until the minimum cumulative requirements of the policy are attained. A student can appeal the financial aid suspension.

Students placed on financial aid suspension will have their Lindenwood University Institutional Grant(s) reevaluated.

Withdrawal from the university has no effect on the student's satisfactory progress upon re-entering.

Appeals of Financial Aid Suspension

A student has the right to appeal if he/she feels that he/she has complied with the requirements of the satisfactory academic progress policy or believes that there are extenuating circumstances that occurred. Examples of extenuating circumstance are the death of a relative, an injury or illness to an immediate family member or student, or similar special circumstances that could affect the academic performance. To appeal a financial aid suspension, the student must submit an appeal letter with supporting documentation to the director of Student Financial Services. Submission of an appeal is not an automatic approval. Student appeals submitted to Academic Services for academic suspension are not sent to Student Financial Services. Please be sure to submit a separate appeal letter to the Director of Student Financial Services, for review of the financial aid suspension.

If the appeal is denied, the student will be ineligible to receive Title IV aid until the academic requirements are met.

Probationary Periods

If the student's appeal is granted, the student will be placed on Financial Aid Probation and will have the next succeeding term of enrollment to meet the minimum requirements as stated above. At the conclusion of the term, the Office of Student Financial Services will ensure the student is now meeting the SAP standards in order to qualify for further federal financial aid funding. If the student is not making SAP standards again at that time, the student will be placed on financial aid suspension again and be required to submit a new appeal, including an academic plan.

Academic Plan

An academic plan will be completed between the student and academic advisor. The plan must include benchmarks that students will meet to ensure they are making progress to degree and will render the student eligible for aid again under SAP rules (Qualitative and Quantitative measures).

Re-establishing Financial Aid Eligibility without Appeal

If the student is allowed to attend Lindenwood University academically, they may continue at their own expense to attempt to improve completion rates and/or GPA issues. Once a student is back into compliance with SAP, they may contact the Office of Student Financial Services for review of reinstatement of their financial aid.

State Financial Aid

Several grants are available to Missouri residents who attend eligible institutions in the state of Missouri. Lindenwood University is an eligible institution.

Access Missouri Financial Assistance Program

The Access Missouri Financial Assistance program is a need-based grant available to eligible full-time Missouri resident undergraduate students. Please visit the Missouri Department of Education website at <https://dhe.mo.gov/ppc/grants/accessmo.php> for a list of eligibility criteria.

Missouri Higher Education Academic Scholarship Program

The Missouri Higher Education Academic Scholarship program is available to Missouri residents who have a composite score on either the ACT or SAT tests that places them in the top three percent of all Missouri students taking those tests. The scholarship is renewable for up to four years for Missouri residents who enroll as full-time undergraduate students and maintain a 2.5 cumulative GPA at an approved institution for the period of the

scholarship. Lindenwood University is an approved eligible institution. Students will be notified by the Missouri Department of Higher Education as to their eligibility.

Marguerite Ross Barnett Memorial Scholarship Program

This program is available to eligible students who are enrolled part-time and who are employed for at least 20 hours a week. Students interested in this program should visit the Missouri Department of Education website at <https://dhe.mo.gov/ppc/grants/rossbarnett.php> for eligibility criteria.

Vocational Rehabilitation

Vocational rehabilitation assistance may be available for students with disabilities. Students should contact their regional office of vocational rehabilitation concerning benefits.

Montgomery GI Bill®, MOGUARD, and ROTC

Lindenwood assists qualified students in obtaining financial assistance for their education through the various military funding sources. Missouri National Guard, Reservists, and Reserve Officer Training Corps members may be eligible for special financial incentives and entitlements such as Lindenwood ROTC GRANT, ARNG Federal Tuition Assistance, MOARNG State Tuition, Monthly Drill Pay, ROTC Stipend, Montgomery GI Bill®, and Kicker. Information is available from the VA school-certifying-official.

ACADEMIC POLICIES AND PROCEDURES/ACADEMIC SERVICES

Academic Policies

Academic Load and Enrollment Requirements

All academic credit is stated in semester credit hours. Full- and part-time student status is determined by the number of credit hours in which a student is enrolled during any given term. In credit hours, the academic load for undergraduate semester students is as follows:

Full-time

Twelve or more credit hours

Part-time

Nine to eleven credit hours: three quarter-time

Six to eight credit hours: half-time

One to five credit hours: less than half-time

Notes: (1) International students must maintain full-time student status to remain in compliance with U.S. visa regulations.

(2) Course extensions (including culminating project extensions, capstone extensions, and thesis extensions) are not counted among a student's "hours enrolled." For this reason, students who are enrolled only in the completion of a thesis, capstone experience, or culminating project are considered less than half-time students.

(3) Missouri students expecting to qualify for Missouri State Grant funds are required by the state to be enrolled in a minimum of 12 hours per semester or nine hours per quarter both at the time the funds are requested and at the time the funds are received.

Academic Overload

Full-time traditional students may enroll in a minimum of 12 credit hours and a maximum of 18 hours per term at no additional cost (other than any costs for lab fees or other fees associated with particular courses). Students enrolled in more than 18 credit hours in a semester are subject to an overload fee and must receive approval for the overload from the registrar.

The 20-21 academic year will be the last year that the grant will be offered to those who qualify.

Honors Overload

With administrative authorization, full-time traditional students with cumulative grade point averages above 3.5 may take courses up to 24 credit hours of undergraduate coursework at no extra charge. In addition, the honors benefit shall apply to early access graduate courses. Students who do not meet the required minimum GPA must complete the Petition for Academic Course Overload.

The 20-21 academic year will be the last year that the grant will be offered to those who qualify.

International Student Enrollment Requirements

International students studying at Lindenwood University adhere to specific enrollment requirements in accordance with their F-1 visa status.

For international students enrolling in online courses:

8 CFR § 214.2(f)(6)(i)(G) For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credits per term may be counted toward the full course of study requirement if the class is taken on-line or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An on-line or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, or satellite, audio conferencing, or computer conferencing.

- One online course will count towards full-time status.
- Lindenwood University policy states that undergraduate students cannot be enrolled in the same number of online as on-ground classes.

Undergraduate On-Ground and Online Course Combinations

Enrollment Status	Number of Online & On-Ground Courses
Enrolled in 12 credit hours	Three on-ground and one online
Enrolled in 15 credit hours	Three on-ground and two online
Enrolled in 18 credit hours	Four on-ground and two online, etc.

Graduate On-Ground and Online Course Combinations

Enrollment Status	Number of Online & On-Ground Courses
Enrolled in six credit hours	One on-ground and one online
Enrolled in nine credit hours	Two on-ground and one online

For international students wanting to take an approved reduced course load:

Reduced Course Load (RCL) is when a student is authorized to take less than full-time course load. There are several reasons that RCL can be authorized for an international student:

1. Illness or medical reason.
2. Improper course level placement.
3. Initial difficulty with reading requirements.
4. Initial difficulty with the English language.
5. Unfamiliarity with the US teaching method.
6. To complete course of study in current term.

Each of the items listed have specific requirements in order to be authorized. Please read the requirements on the Study in the States – reduced course load website before selecting the reason.

RCL can be requested by submitting the Reduced Course Load form return to the OASIS office prior to the second week of the term. If the student needs to have a RCL authorized in mid-term, the form should be submitted prior to completing the add/drop form. (Reduced Course Load form can be found on the International Services Website or on the J-drive).

For international students taking courses at different location:

- International students are required to take the majority of their program courses on the St. Charles campus.
- The required courses for the international student's program cannot have more than 50 percent of the courses taught at off-campus Learning Center. **For international students participating in Curricular Practical Training (CPT):**

Curricular Practical Training (CPT) is special work authorization for international students. It allows students to participate in internships or work off of campus as long as the student is enrolled in an internship course for that term.

- CPT is term based, meaning that it is only authorized for the term that the student is taking the internship course.
- Students must have CPT added to their I-20 if they are receiving compensation or participating in a paid internship opportunity. If they are non-paid/volunteer internships then CPT does not need to be authorized on their I-20.
- CPT will only be authorized for part-time while the term is in session.

Undergraduate/Graduate students:

- During the fall and spring semesters, graduate and undergraduate students can only work part-time.
- Graduate and undergraduate semester students can work full-time during the summer session.

CPT Procedures

- Students are required to fill out all four sections of the CPT form.
- If the student has an internship procedure/packet, it will need to be included with the CPT form.
- The student can include a copy of the employer hire letter in lieu of the employer filling out the requested section of the CPT form.

Classification of Students

Academic progress is calculated in credit hours.

- To be classified as a sophomore, a student must have successfully completed at least 24 credit hours.
- To be classified as a junior, a student must have successfully completed at least 54 credit hours.
- To be classified as a senior, the student must have successfully completed at least 84 credit hours.

The classification of a student is changed only at the end of a term. A minimum of 120 credit hours (not including courses completed at the preparatory or pre-college level, numbered 01000-09999) is necessary to complete a bachelor's degree.

Attendance

All students at Lindenwood University are expected to attend all classes and all class activities for which they have enrolled. Students who miss class are expected to inform the instructor and to make up the work to the instructor's satisfaction.

At times, absence from class may be unavoidable—as in instances of prolonged illness, hospitalization, mandatory religious practices, or participation in an approved student activity. (For information regarding absence due to university-sponsored activity, see the Excused Absence Policy for Students Engaged in LU Authorized Events.) A student who has been hospitalized should submit official doctor's or hospital documentation to the accessibility manager located in the Library and Academic Resource Center, suite 346. Written verification of religious observances may be required.

In the case of unsatisfactory work due to excessive absences from class, the instructor may give ample warning to the student that the work is unsatisfactory and may report a final grade of F or AF to the registrar.

Note: Persons receiving benefits from the Veterans Administration are governed by special regulations concerning

class attendance See Veterans' Benefits, appearing earlier in this catalog.

Excused Absence Policy for Students Engaged in Lindenwood University Authorized Events

Lindenwood University allows students engaged in official sports contests, arts events, approved field trips, approved conferences, etc., to be excused from class for university-sponsored events in which those students are officially representing the university. Students are required to communicate personally with their professors regarding their anticipated absences and to make arrangements for missed work in advance of their university-authorized absences. When make-up work is pertinent, students who have provided their professors with advance notice should be afforded the opportunity to complete that work or an educationally equivalent and substitutable activity at a time and place mutually agreed upon by the student and the instructor.

Note: Students enrolled in classes with extremely compressed meeting schedules will not be excused from class attendance, even for a university-authorized event if participation in the event would cause the student to miss a significant portion of the scheduled meeting time. Students who enroll in such a class and find that they must be absent will be advised to withdraw from the class.

Excused Absence Policy for Students Engaged in Military Duties

Lindenwood University allows students participating in required military duties to be excused from class. Military duties covered under this policy include but are not limited to military deployment, required annual military training, ROTC activities and civilian deployments in support of federal operations. For service members holding Reserve and National Guard status, weekend duty (drill) requirements should not interfere with normal school schedules. However, if a situation arises that requires absence from class due to duty/drill requirements, this absence can also be excused if the required absence is verified by the commanding officer or other affiliated Guard leader.

Students should notify instructors of all absences for military duty prior to the absence. Instructors may request documentation/verification of the military duty and require that the absence be verified by the Office of Veteran Affairs. If an exigent circumstance arises, where notification is not possible prior to the absence, the student should contact the instructor and/or university as soon as possible to present documentation of the reason for the absence as well as the reason for late notification. When make-up work is pertinent, students who have provided their professors with notice should be afforded the opportunity to complete assigned work. Alternatively, students can be assigned an educationally equivalent

substitutable activity at a time and place mutually agreed upon by the student and the instructor.

No adverse or prejudicial effects shall result to any student with excused absences for official university activities or military duties.

Note: Students enrolled in classes with extremely compressed meeting schedules will not be excused from class attendance if participation in the activity would cause the student to miss a significant portion of the scheduled meeting time. Students who enroll in such a class and find that they must be absent will be advised to withdraw from the class.

Responsibilities Related to Excused Absence Policy

All members of the Lindenwood community have responsibilities to ensure that the Excused Absence Policy functions properly and efficiently for students, staff, and faculty. Below are the responsibilities of each party affected by or involved with the Excused Absence Policy:

Athletics Department

The Lindenwood Athletics Department will provide notice of any upcoming student-athlete absence for a sporting event or related, excused sports activity. The notice will be sent through CAMS, and student-athletes will appear in red on faculty portals. This notice is to inform faculty that the student-athlete is representing the university in an athletics event or function. Student-athletes will be given travel letters to hand to each individual professor on the first day of class. It is the responsibility of the student-athletes to remind professors of their absence at least 48 hours in advance and to make up any missed work.

Academic Departments

A faculty member or academic department sponsoring a special co-curricular event or outing should first complete a field trip form and submit it to the office of the provost for approval. This form should list the name of each student attending the outing, along with a sponsor signature, confirming that all students who will be traveling have signed a travel waiver. Once the outing is approved, the sponsor must provide at least 48-hours' advance written notice to the university community by sending the list of names of all students who will be absent to the Lindenwood University Digest. If a situation arises in which 48-hours' notice is not possible, the sponsoring professor or department should notify the faculty of changes or additions to the list of excused students as soon as possible.

Professors

Professors affected by excused student absences should make reasonable accommodations for excused students who are missing class or other academic activities because of their participation in an event or other function related to their participation in a scheduled, university-authorized co-

curricular event. Professors should, in advance of any such excused absences, stipulate in writing in the course syllabus their expectations of and procedures for students who must miss class for authorized reasons. Each professor's expectations and procedures should meet the parameters outlined in this Excused Absence Policy and should be reviewed with all students during the first week of class.

Students

Students who must miss class for a Lindenwood sporting event or other Lindenwood-authorized activity must, in person or via email, provide advance notice to all professors whose classes they will miss with specific details of their upcoming absence. If possible, this notice should be provided at least 72 hours in advance of the affected class meetings. If 72-hours' notice is not possible, the student should notify professors as soon as possible. This personal notice shall be given in addition to the general notice provided by the Lindenwood Athletics Department or academic department sponsoring the event. In each case, the student is also expected to prepare thoroughly for and promptly engage in any substitute or make-up assignment or activity.

Declaration of Major

All undergraduate students must declare a major by the time they complete their fourth semester of full-time enrollment by submitting a Change of Major/Advisor form to the Office of Academic Services. This form must be completed, signed by the student and the major advisor(s).

Change in Degree Program

Students wishing to pursue a degree or program other than the one they originally sought should consult with an advisor in the new program to determine whether additional application materials must be submitted for admission to the new program. For any subsequent change in degree/major program, the same procedure should be followed as above.

Double Major/Second Bachelor's Degree/Second Bachelor's Major

It is possible for a student to earn more than one undergraduate baccalaureate degree type from Lindenwood University. These degrees may be pursued either simultaneously or sequentially. They may be earned in the same school or in two or more schools of the university.

Degree types offered at Lindenwood include BA, BFA, BS, or BSW. A student may earn a given degree type only once. For example, a student pursuing majors in anthropology and non-profit administration may not earn more than one BA. (See information on double major.)

A student who pursues multiple majors leading to different degree types may earn multiple degrees. For example, a student majoring in exercise science and social work may

earn both a BS and a BSW. Students may earn any combination of degree types. (See information on second bachelor's degree.)

Pursuing Two Bachelor's Degrees or a Double Major Simultaneously with no Break in Attendance Double Major

If a student simultaneously completes the requirements of two majors leading towards the same degree type, the student will earn one degree, and both majors will be noted on the student's transcript. Students will receive one diploma. The student must complete the core requirements for both majors in addition to the general education requirements for the degree earned. (Refer to General Education Requirements by degree.)

Second Bachelor's Degree

If a student simultaneously completes the requirements of majors leading towards degrees of different types, the student will earn two degrees, with each major noted under the appropriate degree on the student's transcript. The student must complete the requirements of each major.

Pursuing a Second Bachelor's Degree or Second Bachelor's Major Sequentially after a Break in Attendance

Second Bachelor's Degree

A student who has previously earned a baccalaureate degree from Lindenwood University may return to earn a second bachelor's degree if the student is seeking a major leading to a degree type not previously earned at Lindenwood University. The student must complete the core requirements of the major. Students will be required to take only those specific general education classes that are degree requirements for their major. Upon completion of all requirements, the second degree and major will be added to the student's transcript. The student will receive a new diploma listing the degree and major earned.

Students seeking an undergraduate degree who have previously earned a bachelor's degree from another regionally accredited university based in the United States may petition to waive the Lindenwood University general education requirements. If approved, students will be required to take only those specific general education classes that are degree requirements for their major.

Students seeking an undergraduate degree who have previously earned a bachelor's degree from an international institution must submit an official transcript to World Evaluation Services (WES) for an evaluation. The WES evaluation will be reviewed to determine the university general education requirements that the student must complete, and the requirements that the student can petition to be waived.

Second Bachelor's Major

A student who has previously earned a baccalaureate degree from Lindenwood University may return to earn a second bachelor's major if the student is seeking a major leading to the same degree type previously earned at Lindenwood University. The student must complete the core requirements of the second major. Upon completion of all requirements, the second major will be added to the student's transcript with the notation "Second Bachelor's Major." The student will not receive a new diploma as no new degree type has been earned.

Posthumous Degree

In the event of a student's untimely death, the university may grant a posthumous degree if the following criteria are met.

Undergraduate students

Eligibility:

- The student had reached senior status and had completed at least 50% of the major requirements.
- The student was in good standing with a cumulative GPA of 2.00 or higher.
- The student had no pending disciplinary sanctions.
- The academic school in which the student was enrolled recommends the awarding of a posthumous degree.

Procedure:

- Anyone can request a deceased student be considered for a posthumous degree. It is recommended that this request be made within two years of the student's passing.
- Once a request has been made, the student's academic school dean and department faculty will review the student's eligibility. If the school representatives determine that the student is eligible for a posthumous degree, the recommendation will be forwarded to the Provost.
- If approved, the Provost will direct the Registrar to award the degree and request a diploma to be sent to the next of kin.
- The statement "Awarded Posthumously" will be printed on both the student's transcript and the diploma.

Early College Start (ECS)

Early College Start (ECS) courses are college-level classes taught in a high school and taken by high-school students for college credit. Such dual-credit courses may be taken through Lindenwood or taken through other universities and transferred to Lindenwood. Any tuition or fees paid for enrollment in the ECS program are non-refundable.

Earned Credit Time Limits

Credits earned at Lindenwood University will be accepted toward a degree no matter when they were earned, except for requirements in the student's major. Credits earned in the student's major will be reviewed for approval by the department chair. If any course must be repeated within a major and the course is not being offered in the normal sequence of course offerings, it may be offered as a special topics class with credit counting toward graduation. Such a course will be calculated as a part of the student's GPA.

Extra Credit

At the instructor's discretion, extra credit opportunities may be offered in undergraduate courses. Such opportunities must be equally accessible to all students enrolled in the course. No extra credit is to be offered in graduate-level courses.

Expectation of Student Work

Student work is defined as assignments, homework, and other academic activities to be completed outside of instructional time, including reading, studying, writing, research, etc. Students should expect to spend a minimum of two hours per week completing this work for each credit hour enrolled (thus, six hours of work outside of class for a three-credit-hour course), although the time spent outside of class may increase based on the topic and level of the course.

Final Exams

All courses are required to meet until the end of the scheduled academic terms defined in the university calendar. Professors are required to hold a final exam or other significant evaluative activity at the scheduled final exam time as outlined in the final exam schedule.

There are no exceptions to these requirements. Faculty members are not to change the time of the final exam, either by changing the date of the exam or by changing the time of the exam. Students must take their final exams at the designated time and place except under extenuating circumstances beyond the students' control.

In the event that classes are officially cancelled during final exams, the students' final course grades will be calculated based on the work in the course completed to that point if 75 percent of the graded work in the class has already been assigned. If 75 percent of the graded work in the class has not been assigned by the time of the final exam, a make-up exam will be scheduled.

Non-Degree Seeking Students

A student who is not seeking certification or any degree with Lindenwood University may be accepted as a non-degree, "Special Status" student. Students accepted under this status must meet university admissions standards and may not take more than 12 credit hours of regular,

undergraduate, or graduate credit without being fully admitted. This policy does not apply to cooperative (workshop) credit. Students accepted with special status are not eligible for financial aid or student loans, as they are not fully admitted to the university. Payment arrangements must be made with the Business Office prior to attending class.

Catalog of Entry

Students are required to satisfy the degree requirements of the catalog in effect at the time of matriculation. A continuing student who desires to pursue a course of study added to the curriculum in a subsequent catalog year or who wishes to fulfill degree requirements that have changed since the student's matriculation must submit a catalog change request to the Office of Academic Services. If the request is granted, the student will be bound by all policies and requirements in the new catalog. Students who discontinue study at Lindenwood University may be required to adopt the requirements of the catalog in effect at the time of readmission depending upon the length of the absence. See the Academic Policies and Procedures/Academic Renewal section of this catalog for further information regarding catalog requirements after a leave of absence from the university.

Note: The university reserves the right to modify its policies (other than degree requirements) at any time. Students must adhere to all university policies that are in effect during each term of enrollment.

Academic Standards

In addition to making satisfactory academic progress to maintain financial aid eligibility, students must also meet an additional set of academic expectations in order to remain in good academic standing with the university. Failure to meet these standards will result in academic probation, academic suspension, or dismissal from the university.

Appealing Academic Suspension

Upon academic suspension, a student who wishes to resume studies must first appeal the suspension in writing. The appeal must be received and reviewed prior to the beginning of the term following the student's suspension. The associate provost of academic operations and an appeals committee will review the student's letter of appeal, along with the student's academic history and overall academic performance.

Continuously enrolled students whose appeals of academic suspension are granted will resume their studies on probation. Any student who discontinued studies for one term or more and who departed the university under academic suspension must appeal the suspension before being readmitted. Upon readmission, students who have discontinued enrollment for less than one year will be

subject to the requirements in the catalog in effect at the time they were first admitted to the university.

Students who discontinued studies for more than one year will be subject to the requirements in the catalog in effect at the time of their return.

Note: Students will be notified of their academic suspension by email and will be provided a link with guidelines for submitting the appeal online, including a specific date by which the appeal must be received. If a student's appeal is not received by the date specified, the student will be dropped from all classes, and, if a resident, the student's campus housing will be cancelled.

Academic Integrity

Lindenwood University students belong to an educational community invested in the exploration and advancement of knowledge. Academic integrity is a critical part of that investment: all students have a fair opportunity to succeed, and, as such, all students owe their classmates, instructors, administrators, and themselves the duty of scholarly and creative work untainted by plagiarism, dishonesty, cheating, or other infringements of academic integrity. In turn, instructors, staff, and administrators will also uphold these policies in order to promote student intellectual development and preserve the integrity of a Lindenwood degree.

As members of this academic community, students are expected to familiarize themselves with the university's policies in the Lindenwood University Student Handbook and to adhere to these policies at all times. Students are also encouraged to consult the resources of the university library and the Writing Center/Academic Success Center for assistance in upholding the university honesty policy.

The penalty for the first reported offense of academic dishonesty will be determined by the instructor and may result in a reduced or failing grade on the work, a failing grade for the course, or any other appropriate penalty. Upon a first report of academic dishonesty, the student is also required to complete an online Academic Integrity Tutorial. A charge for the tutorial will be applied to the student's Business Office account. For undergraduates, a second offense will result in a failing grade for the course, and a third offense will lead to expulsion from the university. Graduate students will be expelled after a second offense is reported.

The associate provost maintains confidential records of academic dishonesty reports. These reports are accessible only to the provost and associate provost and are not linked to students' academic or financial records at the university. However, students remain accountable for any acts of dishonesty for as long as they pursue studies at Lindenwood, regardless of progression from undergraduate to graduate programs. Any question regarding the academic honesty policy should be directed to the associate provost.

Dismissal

The university reserves the right to dismiss a student who fails to adhere to university academic and social standards at any time. Students can be dismissed for any of the reasons outlined below:

(1) The student is unable to meet academic standards for the university or specific academic program. (2) The student's continuance at the university is considered to be a danger to the student's own health or well-being or the health or well-being of others. (3) Lindenwood University supports an environment of respect for the dignity and worth of all members of the Lindenwood community. Students may be dismissed for failure to uphold the social standards and regulations of the university. Violations include but are not limited to:

- Harassment
- Bullying
- Bias incidents
- Sexual Misconduct
- The use of improper language
- Failure to respect campus authority
- Aggressive or inappropriate actions directed toward university employees, external partners of the university or other students
- Disruptive behavior within the campus or classroom setting
- Failure to adhere to any other relevant student conduct policy as outlined in the Lindenwood Student Guidebook.

Students dismissed from the university in the middle of a term will be withdrawn from the classes in which they are enrolled and will not be allowed to complete classes in which they received an Incomplete grade in previous terms.

If expelled or dismissed from the university, a student is still responsible for all tuition, room, board, and other charges incurred for that term, subject to the withdrawal and refund policies set forth in the University Academic Catalog.

Academic Honors

Dean's List

Following the end of the fall and spring semesters, the provost announces the names of undergraduate students who were enrolled full-time and achieved a grade point average of 3.5 or above.

General Honors

The Lindenwood faculty awards general honors to those undergraduate students who have completed all degree requirements with academic distinction. In order to be eligible for general honors, a student must have completed a minimum of 50 credit hours in residence at Lindenwood University. (Transferred credits and experiential learning credits do not count toward in-residence credit hours.) Students whose Lindenwood cumulative grade point averages fall within certain ranges are eligible for honors as follows:

- The student who achieves a cumulative grade point average between 3.70 and 3.85 receives the degree cum laude.
- The student who achieves a cumulative grade point average between 3.86 and 3.93 receives the degree magna cum laude.
- The student who achieves a cumulative grade point average of 3.94 or above receives the degree summa cum laude.

Service Learning Honors

Lindenwood University embraces community service as an extension of service learning, in which students participate in community service not only to meet the needs of the community, but also to develop their critical thinking ability, commitment to values, and skills for effective citizenship.

Students who complete 500 hours of qualified community service during their time at Lindenwood will receive a designation on their permanent academic transcript to recognize their achievement. In addition, they will receive special recognition in commencement publications and receive a service cord they can wear at graduation.

Student participants must set up an account through LU Connect in the student portal. Once membership is approved, students can begin logging community service hours that will be approved on an ongoing basis. Graduating seniors must have achieved 500 documented, approved hours at least 60 days before their graduation date to allow time for verification and inclusion in graduation publications. For more information on this program, please contact Dr. Julie Turner in the Plaster School of Business & Entrepreneurship.

University Honors College

University Honors are reserved for exceptional students who demonstrate intelligence, initiative, and perseverance in fulfilling requirements beyond those asked of others. Meeting these expectations exhibits the students' commitment to excellence; such students are members of the University's Honors College.

The Honors College offers students a special opportunity to be recognized for excellence and extra effort in their

coursework. Graduating with such honors is the highest award Lindenwood bestows. This achievement is announced at graduation and recipients wear purple braids at the ceremony. “University Honors” also appears on the student’s diploma and transcript. All courses completed for honors credit are designated as such on the student’s transcript. The president of the university also presents a certificate to those graduating with University Honors at the Honors Convocation.

For membership in the Honors College, an incoming freshman must score a 29 or above on the ACT. Incoming honor students may take up to 19 credit hours in their first term without being charged an overload fee. A transferring or returning student must have a 3.3 GPA to qualify for honors courses.

Honors courses are offered in two formats: each semester, several courses have designated honors sections in which every student is enrolled for honors credit. These sections are smaller than traditional sections, with more class discussion and individual contact with the professors than traditional sessions. To achieve honors credit from an honors section, a student must earn an A or a B in that course. Alternatively, any undergraduate course may be taken for honors credit with the permission of the professor. To earn honors credit in a non-honors section, students must successfully complete an extra project mutually agreed upon by the professor and student and earn an A in the course.

To graduate with University Honors, a student must complete 24 hours of honors credit at multiple levels of coursework.

Active members of the Honors College are eligible to register early due to their status as honors students. Early registration for honors students is contingent on having four honors courses completed by the beginning of the junior year and six honors courses completed by the beginning of the senior year.

Academic Procedures

Transferring Credit

Transferring Credit while a Lindenwood Student

A student at Lindenwood who wishes to take courses at another college or university while pursuing a degree at Lindenwood must first obtain permission for the transfer of these courses from the student’s academic advisor, the dean of the school in which that course resides, and the registrar. A Prior Approval form may be obtained from the Office of Academic Services. Credits accepted in transfer do not affect the student’s grade point average at Lindenwood University.

Transferring Credit from U.S. Institutions

New students wishing to transfer credit from a regionally accredited university should submit official transcripts from each university attended to the Office of University Admissions. Evaluation of transfer credit will be made by the registrar. For the evaluation of credit, official transcripts must be sent directly from the U.S. institution to Lindenwood University.

For more information regarding the transfer of credit go to *Admission, Application, and Fees & Financial Assistance*. (p. 14)

Transferring Credit from International Institutions

Students with transfer credit from an international institution must submit official transcripts from the international university attended to the Office of Admissions and Services for International Students (OASIS). The transcripts must be in their original language and must be accompanied by a certified English translation, provided by the student.

Applicants should contact WES at www.wes.org for more information about how to get transcripts evaluated. Students should list Lindenwood University as the recipient of the transcript evaluation. WES will also provide a copy of the evaluation directly to the applicant. The applicant should keep this copy.

Note: Evaluations or translations of transcripts from companies other than WES are not accepted by the university and will not be considered.

The transcript translation documents will not be returned to the student. The transcript and the translation will become part of the student’s official file at Lindenwood University. If the applicant intends to transfer credits into an undergraduate program, the applicant will incur the cost for the evaluation. For further information regarding the transfer of international credit, please contact the university Office of Admissions and Services for International Students (OASIS) at international@lindenwood.edu.

For more information regarding the transfer of credit go to *Admission, Application, and Fees & Financial Assistance*. (p. 31)

Academic Renewal

Academic Renewal allows returning students to remove previous course work from calculation of their GPA after an extended absence. A returning student seeking to resume a program of study or begin a new program of study after a prolonged absence is eligible for Academic Renewal under the following conditions:

- The student must have been absent from the Lindenwood University system for at least three consecutive academic years.

- The student must not have obtained a degree at Lindenwood or any other institution of higher education in the years between taking leave from Lindenwood and applying for academic renewal.
- The student must declare a major or program of study.
- The student must be enrolled in and complete at least one academic term at full-time status, earning a minimum undergraduate GPA of 2.5 or graduate GPA of 3.5 before applying for Academic Renewal.

In addition to the conditions outlined above regarding student eligibility, Academic Renewal is subject to the following conditions:

- Academic Renewal can only be applied once.
- Academic Renewal can only be applied to academic terms completed prior to the student's leave of absence.
- Academic Renewal can only be applied to courses taken at Lindenwood University.
- For undergraduate students, up to three terms can be selected for Academic Renewal; for graduate students, up to two terms can be selected.
- Once implemented, the Academic Renewal cannot be removed.
- Students approved for Academic Renewal are subject to the degree requirements listed in the catalog that is active at the time they are reinstated.
- No course from a term selected to be removed from GPA calculation can be used to satisfy an academic requirement (e.g., toward graduation, prerequisites, or certifications).
- All courses from terms will be removed from calculation of the student's GPA regardless of the grades earned. However, these courses will not be entirely erased. All courses taken by the student will still appear on their transcript. A note will appear on the student's transcript for each redacted term.
- A student may not apply for Academic Renewal in their final semester.

Students considering applying for Academic Renewal must inform an academic advisor of their intent to do so. The advisor will consult with the student regarding which academic terms to remove from calculation of the student's GPA. The student should submit a petition for Academic Renewal to the Office of Academic Services signed by the student's academic advisor and school dean. The student will be notified of a decision within 30 days of submission of the petition.

Notes: (1) Applying for Academic Renewal can affect a student's eligibility for financial aid. Students are encouraged to contact the Office of Student Financial

Services (financialaid@lindenwood.edu) before applying for Academic Renewal.

(2) Students on the GI Bill® should contact the VA certifying official before applying for Academic Renewal.

Grading System

Lindenwood University operates under the 4.0 grading system. The grade point average is computed by dividing the total number of quality points earned by the total number of semester hours attempted. An A carries four quality points; thus, a course worth three semester hours in which a student earned an A would merit a total of 12 quality points. A grade of B carries three quality points; a grade of C carries two quality points; and a grade of D carries one quality point. A grade of F or AF (attendance failure) carries no quality points and no credit. Only grades earned at Lindenwood are used in computing the GPA.

A grade of A represents work of outstanding quality; it indicates that the student has shown initiative, skill, and thoroughness and has displayed originality in thinking. A grade of B is awarded for work of high quality, well above average. The grade of C indicates average work and satisfactory completion of course requirements. The grade of D indicates minimally satisfactory completion of course requirements. A grade of F or AF indicates unsatisfactory coursework, and no credit is given.

Note: Honors courses will indicate in the course title that the student completed the course for honors credit and/or the student will receive an AH which equals a grade of A with Honors.

Attendance Failure (AF)

This grade is given when a student stops attending a particular class prior to the published deadline to receive a grade of W but does not withdraw from the course. The grade of AF is treated as a grade of F in the calculation of the student's grade point average.

Audit (AU)

A student may enroll in any lecture course as an auditor. Students are not permitted to audit skill courses such as studio or laboratory courses involving extensive supervision by an instructor. Auditors will be expected to attend all classes. No credit may be earned or later claimed by a student who audits a course. A student has one week into a regular term and two class meetings into a quarter or summer session to make a change in registration to audit a class or to take it for credit. The audit fee is 50 percent of the posted tuition for a course.

Incomplete (I)

A grade of I (incomplete) is given at the end of a term only for incomplete coursework due to exceptional circumstances beyond the student's control, such as an extended illness, hospitalization, or death of a close

relative requiring absence from class for a significant period of time. When assigning an incomplete grade, the professor should consider whether the student is capable of successfully completing the course. Incompletes should be offered only toward the end of the term for students who were progressing satisfactorily in the class before the exceptional circumstances arose.

A grade of I (incomplete) must be resolved prior to the end of the subsequent term; otherwise, the incomplete will be converted to an F. Any request to extend the time needed to resolve the grade of incomplete must be submitted to the Office of Academic Services no later than two weeks before the date the grade is due. Requests will then be sent to the appropriate school dean and the associate provost to be considered for approval.

No Grade (N)

An administrative grade of N is assigned by the registrar when final course grades have not been submitted prior to making grades accessible to students. Under normal circumstances, the N grade will be cleared within two weeks after the end of the term. Faculty members are not authorized to submit a grade of N.

Pass/Fail (P/F)

Some academic activities such as practica, internships, residencies and thesis projects are graded on the basis of pass/fail. In these cases, the grade of P denotes successful completion of the assigned requirements for the aforementioned academic activity courses.

Withdrawal (W)

A grade of W indicates that the student withdrew from a class with no effect to the student's GPA. To withdraw from a course with a grade of W, students must complete, sign, and submit a withdrawal form before the last day to withdraw with a W, with the signature of the academic advisor, and, if the student has attended the course at least once, the signature of the instructor of the course. Students wishing to withdraw from the university altogether must obtain the signatures of the instructors for each course from which they wish to withdraw. The deadline to withdraw is set at the two-thirds mark of the term.

The only circumstance in which the student will not be charged for a course is if the student never attends a class session. If the student attends one class session or more, he or she will be charged a determined percentage of the course's tuition cost. The percentage applied to the student's account depends on how many classes the student attends and the withdrawal date. For further information, please contact either the Student Financial Services or the Office of Academic Services.

Note: A student who is a first responder may elect to withdraw from a course with a grade of W at any time during the term if documentation is provided verifying that the student's first responder duties were the cause of absences exceeding the

number of allowable excused absences. This policy applies to academic withdrawal only.

Administrative Withdrawal

When it is in the best interest of a student or of Lindenwood University for a student to withdraw, a student may be given a W and put on administrative hold. This action of administrative withdrawal results in removal of all credits associated with the affected classes and places the student on administrative suspension. Before re-enrolling at the university, the student on administrative suspension must write a letter of appeal to the dean of students. An administrative withdrawal does not affect the student's grade point average.

Adding, Dropping, and Withdrawing from Courses

Adding Courses

Within the first week of a term, a student may add or drop classes via the student portal without having to obtain the signature of a faculty member. Students may not add a course via the student portal after 5 p.m. on Friday of the first week of the term. Students may add a class during the second week of class only under extenuating circumstances and with signatures of the course professor, dean of the appropriate school, and the registrar. A Petition for Policy Exemption is required in addition to a drop/add/enrollment form to add a course after the deadline.

Dropping Courses during Week One

Within the first week of a term, a student may drop classes via the student portal without having to obtain the signature of a faculty member. No grade of W will appear on the student's transcript as a result of dropping classes during this week, and the classes will be dropped as a "never attended".

Withdrawing with a Grade of W

To withdraw from a course with a grade of W, students must complete, sign, and submit a withdrawal form before the last day to withdraw with a W, with the signature of the academic advisor, and, if the student has attended the course at least once, the signature of the instructor of the course. Students wishing to withdraw from the university altogether must obtain the signatures of the instructors for each course they wish to drop. The deadline to withdraw is set at the two-thirds mark of the term.

Late Withdrawals

Late withdrawals will be approved only under extreme, documented circumstances. A late withdrawal requested due to a low grade in the class, lack of interest in the subject matter, a different learning style from that of the classroom professor, or a change of major/requirements will not be granted.

If a student believes that extraordinary circumstances require withdrawing from a class after the deadline, the student must complete the following steps:

- Write a letter fully specifying the reasons for the withdrawal.
- Gather supporting documentation (physical report, court documents, hospital documents, etc.).
- Meet with the academic advisor for a signature on a Petition for Late Withdrawal.
- Meet with the dean of the school for a signature on the petition.
- Submit the signed petition, along with the letter and documentation, to the associate provost or registrar.
- If approved for a late withdrawal, the student will receive a W.

Notes: (1) Students are not permitted to withdraw from a course to attend another course if the second course has already had two class meetings.

(2) A student who is a first responder may elect to withdraw from a course with a grade of W at any time during the semester if documentation is provided verifying that the student's first responder duties were the cause of absences exceeding the number of allowable excused absences. This policy applies to academic withdrawal only.

(3) Calculation of the return of Title IV aid will be based on the last date of attendance for the term. This may result in a balance due to the university for which the student will be responsible.

(4) Petition for Late Withdrawal may be denied based on implications of the financial aid cycle.

Repeating a Course

An undergraduate student may repeat any course in which they earn a grade of C or lower. Only the highest grade earned will be used in the calculation of the grade point average. Repeating a course does not remove the previous grade from the transcript. Additional credit hours are not earned when a student repeats a course. A student's eligibility for federal financial aid may be affected if they choose to repeat a course. The university is under no obligation to offer a course aside from its usual schedule to accommodate a student repeating the course.

Appealing Grades

Students who wish to appeal a final grade must first contact the course instructor. If the matter cannot be resolved through the instructor, the student may appeal in writing to the appropriate school dean. If resolution is not reached at that time, the student may appeal in writing to the associate provost. An Academic Grievance Committee may be convened to review a grade appeal before a recommendation is made to the provost for review.

Information concerning these procedures is available through the Associate Provost's Office. Notice of intent to file a grade appeal must be made in writing to the appropriate school dean or associate provost within six weeks of receipt of the grade. Changes under this procedure will be made only during the term immediately following the term in which the disputed grade was given.

Lindenwood University shares information from students' formal written complaints with the Higher Learning Commission as part of its normal accrediting process. This information is shared in such a manner as to shield all individual identities of complainants. No letters or documents revealing the identities of individual complainants will be shared without the express written permission of the complainants.

Stopping Out and Readmission

Students who opt to take a leave of absence from university enrollment are said to "stop out."

Any undergraduate student who has not been enrolled in Lindenwood courses for more than two 16-week terms and who wishes to resume coursework must be readmitted to the university by submitting a new application to the Office of University Admissions. Students who were suspended at the time of departure from the university must also submit a letter of appeal to the associate provost. Upon review of the new application, the admissions office will update the student's profile in preparation for the student's return to Lindenwood. Students will be directed to contact their advisors to enroll in classes once the readmit process has been approved.

Readmission and Previously Earned Credits

Upon return from leave, a student's previously earned credits in the major will be reviewed for approval by the department chair.

Any course or courses that must be repeated will be taken as special topics classes, and credit and GPA for such courses will count toward graduation.

Readmission and Institutional Aid

Students who stop out for two or fewer 16-week terms are eligible for the same merit- and need-based grant they received prior to taking leave pending review of FAFSA results for the current year. All other institutional aid will be reassessed at time of reentry.

Students who stop out for more than two 16-week terms will be assessed for merit and need-based aid using their cumulative college GPA and FAFSA results for the current year upon return to Lindenwood. If there are extenuating circumstances that warrant additional assessment, an appeal can be made to the Office of University Admissions.

Readmission and Catalog Requirements

Any student who is readmitted to the university after an absence of one 16-week term will be subject to the degree requirements outlined in the academic catalog under which the student was originally accepted to the university.

Any student who is readmitted to the university after an absence of one year or more will be subject to the degree requirements outlined under the academic catalog current at the time of the student's return to the university.

Advanced Placement (AP Credit)

Lindenwood University accepts Advanced Placement (AP) credit earned in most areas of study. Students who take AP exams should request scores to be sent to the Office of Academic Services for an evaluation of credit. Credit will be awarded based on the score received (3-5) and approval of the academic school affected.

Earning Credit by Examination

Internal Examination

In addition to the standardized CLEP/DANTES exams described above, students may seek credit for (or waiver of) university coursework by means of taking and passing internally administered proficiency exams. Students should approach their respective departments to learn more about the proficiency exams that have been created for this purpose within their schools. As in the case of CLEP/DANTES credit, a student who passes an internally administered proficiency exam may (1) request to have the course waived, in which case no credit will be granted or (2) request credit for the exam and have the appropriate credit posted to the transcript for a fee of \$90 per credit hour. In this case, the student's cumulative grade point average is not affected because only credit (no grade) is recorded for a course completed in this manner.

External Examination (CLEP or DANTES)

Students may earn up to 27 hours of undergraduate credit by successfully completing a College Level Examination Program (CLEP) exam or a DANTES standardized test. Credit is granted for these exams based on the scoring recommendations set by the College Board Assessment Program.

Students with CLEP or DANTES credit should consult the Lindenwood registrar to determine whether their achievement on the exam(s) qualify them to earn university credit.

Notes: (1) Students may not use CLEP or DANTES credit in the place of the following requirements or courses: student teaching, internships, studio courses, laboratory courses, or private music lessons.

(2) Students may not receive credit for courses they have previously audited or attended unofficially.

(3) CLEP credit will not be awarded to non-native English speaking students who complete a CLEP exam in their native language.

(4) Lindenwood University does not currently administer College Board Examinations; the student must arrange to have test results sent directly to Lindenwood for evaluation.

Students who pass a CLEP/DANTES proficiency examination have two options when applying for credit. The student may request that the test score be used to waive an equivalent course at the university. In this case, no credit is awarded to the student, and no credit is posted on the student's transcript. A waived course applies no credit toward graduation. For advising purposes, a note will appear on the student's transcript for advising purposes, indicating that a course has been waived. There is no additional cost for a course to be waived.

Alternatively, the student may request that the exam score be posted to the transcript as university credit for a fee of \$90 per credit hour. In this case, the credit applies toward the total number of credit hours required for graduation and becomes equivalent to a course taken at Lindenwood.

Notes: (1) This fee is subject to change. Please consult the fee schedule for current rates.

(2) The charge for the posting of credit for a proficiency examination is a flat rate. It may not be included in the student's full-time tuition or any other enrollment charge nor will the student be charged an overload fee.

Earning Credits through Experiential Learning or Professional Experience

Experiential Learning

For some students, professional experience or life experience may be accepted as university credit and be recorded as such onto the student's Lindenwood transcript. Credit earned in this fashion is referred to as credit for experiential learning.

The following skills or experiences may be considered equivalent to university credit for purposes of receiving experiential learning credit:

- Professional skills acquired on the job.
- Participation in business seminars.
- Experience in community affairs.
- Professional training in particular fields.
- Non-credit-bearing coursework that contain academic content.

Notes: (1) Credit is awarded only for university-level knowledge and the learning gained from the experience. Experiential learning credit is not granted for non-university level learning, having completed routine professional tasks, having acquired outdated or forgotten knowledge, or for private experiences.

(2) *Limits for experiential credits earned may be imposed on the acquisition of such credit for certain technical skills and specialties.*

(3) *Credit is not given for learning that duplicates a university course the student has already taken.*

Students may request to receive up to 27 hours of credit for experiential learning, depending on the requirements of their degree programs. The total number of credit hours awarded for experiential learning may vary according to the time spent on particular activities and the nature of the learning experience.

Students may satisfy some of the requirements for their majors through experiential learning credit; however, a student must complete the greater of 18 credit hours or 40 percent of all course-work toward the major must be taken at Lindenwood University.

Note: Lindenwood cannot guarantee how any other university might interpret transfer credit earned from the Experiential Learning Credit program.

Experiential Learning Not Requiring a Portfolio

Students having the experience or credentials below may apply for experiential learning credit without submitting an additional portfolio of supporting documentation. (Any documentation that is required for the final approval of credit is listed along with each item below.) The application for university credit for the following credentials will be evaluated upon presentation of proof of the required certification or transcripts.

The American Council on Education (ACE): Lindenwood University accepts the recommendations for credit as set by (ACE). To earn experiential learning credit, the student must provide the ACE transcript or certificate verifying that the experience or training is or has been recognized by ACE.

- Certified legal assistant: Up to 24 hours of credit may be awarded. Copy of certificate required.
- Certified professional secretary in selected business and economic areas: Up to 14 hours of credit may be awarded. Copy of completion certificate required.
- Emergency Medical Technician (EMT-B): Up to nine credit hours may be awarded for the completion of training and certification for EMT. Student must present official current license.
- Information Technology Certifications: Up to 27 credit hours may be awarded for current certifications from ITIL, Cisco, Microsoft, CompTIA, EC Council, copy of certification or official transcript required.
- Life insurance license (completion or training) and certification for life insurance licensure: Up to three hours of credit may be awarded. Students may be

eligible for an additional three credit hours in an area of specialization. Copy of license required.

- Medical Laboratory Technician (MLT) or Radiologic Technician: Official transcript from accredited school of MLT or school of radiology and completion of an accredited course of medical laboratory science required.
- Military Medic Certification: Up to 14 hours of college credit may be awarded for the completion of training and certification as a United States Military Medic in one of the following United States Military Medic training programs:
 - US Army Health Care Specialist (68W)
 - US Air Force Independent Duty Medical Technical (IDMT)
 - US Navy Independent Duty Corpsman (IDC)
 - Credits for other US Military Medic programs will be evaluated. Copy of official transcript, DD Form 214, or Joint Services Transcripts required.
- Military Medic Clinical Experience: Up to four credits may be awarded to United States Military Medics who have worked as a United States Military Medic for a minimum of two years full-time equivalency. Student must present DD Form 214, Joint Services Transcripts, or other documentation as proof as experience.
- Paramedic (EMT-P): Up to 39 credit hours may be awarded for the completion of the training and certification for the EMT-P paramedic. Student must present official current license.
- Real estate broker's license: Up to three hours of credit may be awarded. Copy of license required.
- Real estate sales license: Up to three hours of credit may be awarded. Copy of license required.
- Respiratory Therapist (RT): Up to 12 hours of credit may be awarded for the completion of training and certification in respiratory therapy. Official transcript from accredited school of RT required.
- Up to 27 Lindenwood experiential credit hours may be awarded to undergraduate students who have completed a certified police officer training academy. After submitting police academy training certificates along with transcripts verifying contact hours, students will be awarded Lindenwood credit hours as follows:
 - 200 - 499 Academy contact hours = 12 Lindenwood credit hours awarded
 - 500 - 799 Academy contact hours = 15 Lindenwood credit hours awarded
 - 800 - 899 Academy contact hours = 21 Lindenwood credit hours awarded

- 900 and above Academy contact hours = 27 Lindenwood credit hours awarded

Hours for In-Service training is not accepted, and experiential learning credit will only be applied as free electives and not toward any requirements for the Criminology and Criminal Justice program of study. Additionally, credits will not be applied retroactively, meaning students who complete a police academy training program, while enrolled, as a student at Lindenwood University, will not satisfy the experiential learning credit requirements. Enrolled Lindenwood students must be part of the police academy partnership(s) listed in the Criminology and Criminal Justice section of this catalog to receive credit hours from a given certified police academy. The number of credit hours awarded as part of the partnership(s) may be used toward the degree, as indicated in the CCJ section.

- Stockbroker's license completion of training and certification for a stockbroker's license (series 6 or 7): Up to six hours of credit may be awarded. Copy of completion certificate required.
- YMCA leadership development courses: Up to five credit hours may be awarded. Submission of YMCA transcript required.

Training courses offered by specific companies or corporations may also be awarded credit for experiential learning. For a list of these companies and eligible courses, check with the registrar or the experiential learning coordinator.

Students who wish to have experiential learning credit posted to their Lindenwood transcript must pay a fee of \$90 per credit hour. Credit will not be applied to the transcript until the fees are paid.

The following organizations have agreements with the university that permit the application of experiential learning credit as follows:

- Boeing: Boeing employees who have completed Boeing's V.I.P. or Learning Together Program courses may be eligible to have such experience posted to a Lindenwood transcript for credit for a fee of \$25. A maximum of 12 credit hours may be transcribed onto the student's Lindenwood transcript for these experiences. A copy of a certificate of completion of either of the Boeing programs is required.
- Center for Financial Training: Lindenwood University agrees to provide direct transfer credit for designated college-level coursework offered by the Center for Financial Training (CFT) at no charge. A complete listing of CFT course equivalences and acceptable transfer credit may be obtained from the registrar or the experiential learning coordinator. CFT credits are treated like transfer credits from any accredited college or university.

- Military Service: Students seeking an experiential learning award for military experience, formal courses taken in the military or for proficiency in a military occupational specialty (MOS) must provide official military records. Military credits are posted to a student's transcript at no charge, based on the recommendations of the American Council of Education. For credit derived from military experience or from formal courses taken through the military, veterans should submit a DD Form 95, DD Form 214, Joint Services Transcripts, depending on the branch of the military, or a transcript of in-service training.

Experiential Learning Requiring a Portfolio

If the student does not have one of the professional credentials listed on these pages or does not have credit from a course that is specifically listed as being accepted for experiential learning credit, that student may be required to create a portfolio in order to earn university credit for the experience before that credit is posted to the student's Lindenwood transcript.

The portfolio must validate the student's experience by providing proof (by certificate, diploma, syllabi, letters of testimony, and/or samples of work accomplished) that such experience led to university-level knowledge. An essay describing the knowledge gained in the learning experience must accompany all other documentation provided.

The experiential learning coordinator will help the student develop a portfolio. The coordinator will identify potential experiences that may be posted to the student's transcript as university credit and discuss the organization of the portfolio with the student.

Students wishing to receive experiential learning credit in their majors must apply for this credit before taking courses in their majors. Once the portfolio has been approved, the student will be charged a portfolio fee of \$300 plus \$90 per credit hour. Credit will not be applied to the transcript until payment is received. Financial aid may be applied to experiential learning, but the student must be enrolled in classes at the time the request for funding is made.

Earning Graduate Credit as an Undergraduate Student

With the approval of the dean of the appropriate school, undergraduate students may take up to nine credit hours at the graduate level during their senior year at no additional charge. These hours will count toward a graduate degree if one is ultimately pursued but not toward the student's undergraduate degree. Under this option, the student must be enrolled in at least 12 credit hours at the undergraduate level for each semester that the student is taking graduate credit and have a minimum 3.0 GPA. A maximum of six graduate credits may be earned per semester.

Note: Some schools may have additional requirements for admission to their Early Access programs. Please review the school-specific section of the catalog for more information.

Preparing for Degree Conferral

Students are responsible for tracking their own academic progress and eligibility for degree conferral. Specifically, in order to track the progress through a degree, each student must maintain a checklist of all requirements, including major and minor requirements, general education requirements, free electives, number of courses completed at or above the 30000-level, and total number of credit hours completed. The academic advisor will confirm that all degree requirements have been met; however, ultimate responsibility for tracking the student's progress through a program and assuring that all degree requirements for graduation are met lies with the student. Only the provost and the registrar have the authority to certify that all requirements for graduation have been fulfilled and post a notification of degree completion on a student's transcript.

In addition to tracking their own progress through academic programs, students must submit an Application for Degree. This form is available in the student portal to submit online to the advisor. The application must be signed by the student and the student's academic advisor and be submitted to the Office of Academic Services at academicservices@lindenwood.edu. Failure to submit an application by the appropriate deadline may postpone the posting of the student's degree.

The recommended application deadlines are as follows:

<i>Graduation</i>	<i>Application Deadline</i>
March	January 15 of same year
May	February 1 of same year
August	June 1 of same year
October	September 15 of same year
December	September 15 of same year

Academic Services

Requesting Transcripts

Transcripts may be ordered in the following ways:

1. **ONLINE** at the National Student Clearinghouse using a credit card. Delivery options are send "Now," "After Degree is Awarded," or "After Grades are Posted." The cost for an electronic transcript is \$7.00 per transcript or \$5.25 per transcript for United States Postal Service delivery. Electronic transcripts can only be requested through the National Student Clearinghouse.

2. **IN PERSON** at the Main Street counter in Spellmann. Requests submitted in person are processed for pickup immediately. Students must submit a completed Transcript Request Form and payment by cash, check or money order in the amount of \$5. Transcripts requested in person are only available for pickup. Requests to have transcripts mailed are only available through the online service.

Unless otherwise prohibited by law, transcripts will not be issued for students who have unsatisfied financial obligations with the university. Students will be given 30 days after a transcript request has been made to clear any outstanding balance with the Business Office. After 30 days, it will be the student's responsibility to submit a new request for transcript.

Official transcripts are sent directly to a college, employer or other agency and bear the university seal. Student copies may be sent directly to the student and are identified as such. The fee for either type of transcript is the same.

In accordance with federal law (The Family Educational Rights and Privacy Act), student transcripts are issued only at the written request of a student. A transcript will not be released without the student's signature appearing on the request. Transcript requests are not accepted by telephone.

A transcript is a picture of the student's complete record at Lindenwood University. Partial transcripts are not issued. Transcripts of work completed at other colleges must be obtained directly from those institutions.

Note: All information in each student's university record is considered confidential and is issued only to authorized individuals.

Requesting Grade Reports

Grade reports are available through the student portal, as are unofficial transcripts, class schedules, and information regarding business office statements and financial aid. Because grade reports are available online to all students, Lindenwood University no longer mails grade reports to students.

Students who need a copy of their grades for employer reimbursement may print a copy from the student portal. If a student's workplace will not accept the printed copy, the student should submit a written request to the registrar (academicservices@lindenwood.edu) and a copy will be sent to the employer. The request must come from the student Lindenwood 365 email address, include the mailing address to which the report should be sent, student ID, term for which grades are requested, the signature of the student making the request, and a contact telephone number. If students have any questions about their email accounts or their student portals, they can contact Helpdesk@lindenwood.edu.

The Family Educational Rights and Privacy Act

In conformance with the Family Educational Rights and Privacy Act of 1974 (the Buckley Amendment), Lindenwood University has established a system to ensure that students have complete access to their educational records and the right to challenge information they believe to be inaccurate or misleading. Information about these procedures can be obtained from the Office of the Registrar. Unless specifically prohibited by the student, Lindenwood University may release “directory information” at its discretion for government-mandated reporting, news releases, and other purposes that it believes serve the student’s interest. This includes

- Full name
- Local and home addresses
- Local and home telephone numbers
- Email address
- Date and place of birth
- Most recent educational institution attended
- Enrollment status
- Class level
- Dates of attendance
- Degrees, awards, and honors received
- Participation in officially recognized activities and sports
- Weight and height of athletic team members
- Photographs

Students may withhold information from some of these disclosure requests by notifying the Office of Academic Services in writing the first week of each term. All written requests for non-disclosure will be honored by the university for only one term; therefore, authorization to withhold student information must be filed during each term of attendance. Students have a right to voice any concerns to the U.S. Department of Education.

FERPA permits the disclosure of Personally Identifiable Information (PII) from students’ education records, without consent of the student, if the disclosure meets certain conditions found in §99.31 of the FERPA regulations. Except for disclosures to school officials, disclosures related to some judicial orders or lawfully issued subpoenas, disclosures of directory information, and disclosures to the student, §99.32 of FERPA regulations requires the institution to record the disclosure. Eligible students have a right to inspect and review the record of disclosures. A postsecondary institution may disclose PII from the education records without obtaining prior written consent of the student

- To other school officials, including teachers, within Lindenwood University system whom the school has determined to have legitimate educational interests. This includes contractors, consultants, volunteers, or other parties to whom the school has outsourced institutional services or functions, provided that the conditions listed in §99.31(a)(1)(i)(B)(1) - (a)(1)(i)(B)(3) are met. (§99.31(a)(1))
- To officials of another school where the student seeks or intends to enroll, or where the student is already enrolled if the disclosure is for purposes related to the student’s enrollment or transfer, subject to the requirements of §99.34. (§99.31(a)(2))
- To authorized representatives of the U.S. comptroller general, the U.S. attorney general, the U.S. secretary of education, or state and local educational authorities, such as a state post-secondary authority that is responsible for supervising the university’s state-supported education programs. Disclosures under this provision may be made, subject to the requirements of §99.35, in connection with an audit or evaluation of federal- or state-supported education programs, or for the enforcement of or compliance with Federal legal requirements that relate to those programs. These entities may make further disclosures of PII to outside entities that are designated by them as their authorized representatives to conduct any audit, evaluation, or enforcement or compliance activity on their behalf. (§99.31(a)(3) and §99.35)
- In connection with financial aid for which the student has applied or which the student has received, if the information is necessary to determine eligibility for the aid, determine the amount of the aid, determine the conditions of the aid, or enforce the terms and conditions of the aid. (§99.31(a)(4))
- To organizations conducting studies for, or on behalf of, the school, in order to: (a) develop, validate, or administer predictive tests; (b) administer student aid programs; or (c) improve instruction. (§99.31(a)(6))
- To accrediting organizations to carry out their accrediting functions. (§99.31(a)(7))
- To parents of an eligible student if the student is a dependent for IRS tax purposes. (§99.31(a)(8))
- To comply with a judicial order or lawfully issued subpoena. (§99.31(a)(9))
- To appropriate officials in connection with a health or safety emergency, subject to §99.36. (§99.31(a)(10))
- If it is information the school has designated as "directory information" under §99.37. (§99.31(a)(11))
- To a victim of an alleged perpetrator of a crime of violence or a non-forcible sex offense, subject to the requirements of §99.39. The disclosure may only

include the final results of the disciplinary proceeding with respect to that alleged crime or offense, regardless of the finding. (§99.31(a)(13))

- To the general public, the final results of a disciplinary proceeding, subject to the requirements of §99.39, if the school determines the student is an alleged perpetrator of a crime of violence or non-forcible sex offense and the student has committed a violation of the school's rules or policies with respect to the allegation made against him or her. (§99.31(a)(14))
- To parents of a student regarding the student's violation of any federal, state, or local law, or of any rule or policy of the school, governing the use or possession of alcohol or a controlled substance if the school determines the student committed a disciplinary violation and the student is under the age of 21. (§99.31(a)(15))

Definitions:

- A "school official" is not defined in the statute or regulations, Lindenwood University interprets the term to include parties such as: professors; instructors; administrators; health staff; counselors; attorneys; clerical staff; board members; members of committees and disciplinary boards; and a contractor, volunteer or other party to whom the school has outsourced institutional services or functions.
- A school official has a legitimate educational interest if the official needs to review an education record in order to fulfill a professional responsibility.

ACADEMIC REQUIREMENTS

Lindenwood University offers academic courses of study at the undergraduate level leading to a Bachelor of Arts, Bachelor of Fine Arts, Bachelor of Science, and Bachelor of Social Work. Specific degree requirements are listed in the sections of the catalog that describe each degree program. In addition to standard degrees, contract degrees (interdisciplinary majors created by the student in conjunction with a faculty advisor and the relevant schools or departments) may be approved.

Areas of Study

The definition of Lindenwood University's areas of study are below.

- **Major:** A major represents the primary field of specialization selected by a degree-seeking undergraduate student. A major requires a minimum of 30 credit hours in a subject area for completion. Required coursework can be offered by a single department or multiple departments. Majors include introductory coursework that may be part of the General Education program, as well as upper level coursework. All undergraduate students must complete a major in order to obtain a bachelor's degree from Lindenwood University.
- **Minor:** A minor represents a subset of a major. A minor requires a minimum of 15 credit hours in a subject area for completion. Required coursework can be offered by a single department or multiple departments. Minors include introductory coursework that may be part of the General Education program, as well as upper level coursework. Coursework for a minor may also include coursework for a major in another field. Undergraduate students are not required to complete a minor in order to obtain a bachelor's degree from Lindenwood University.
- **Certificate:** A certificate represents a structured set of courses designed to provide students with specific skills suited to different potential careers. A certificate requires a minimum of 12 credit hours for completion and may include labs, internships, and/or clinicals. Only degree-seeking Lindenwood undergraduate students are eligible to earn an undergraduate certificate.
- **Track:** A track is a predetermined course of study as outlined by a student's program major or minor.
- **Emphasis:** An emphasis is an additional set of courses or a course of study that is focused on one area of a major or minor.

Bachelor's Degree Requirements

The requirements for a bachelor's degree are as follows:

- Successful completion of a minimum of 120 credit hours (not including preparatory coursework, numbered 01000-09999), at least 42 of which must be earned in courses numbered 30000-level or higher.
- Successful completion of the requirements for one of the undergraduate majors offered by the university. The greater of 18 credit hours or 40 percent of the courses required for the major, minor, or certificate must be taken within the Lindenwood University system.
- A minimum cumulative grade point average of 2.0 for all courses taken within the Lindenwood University system, as well as a minimum cumulative grade point average of 2.0 for all courses satisfying the student's major, minor, emphasis, track, or certificate, with at least the greater of 18 credit hours or 40 percent of the credits earned for the major, minor, emphasis, or track being earned within the Lindenwood University system. Overall cumulative GPA is a continuous representation of grades received for all courses taken within the Lindenwood University system.
- Successful completion of a total of 30 credit hours in residence at Lindenwood University, with the successful completion of the last 24 credits leading to a degree being taken within the Lindenwood University system.
- Successful completion of all general education (GE) course requirements for a bachelor's degree, including grades of C or higher in ENGL 15000/EPP 15000 and ENGL 17000 (whether taken at Lindenwood or accepted in transfer).

Notes: In addition to the requirements listed above, traditional undergraduate students who are first-time freshmen or transfer students with fewer than 24 credit hours of transferable credit who have not successfully completed a freshmen seminar course must enroll in and complete a First-Year Seminar course in their first semester at the university. Online freshman must complete UNIV 10100 during their first semester of enrollment.

Contract Degree Requirements

The contract degree program is designed to serve students whose educational or personal objectives cannot be met through one of the standard Lindenwood programs but for which the university can provide faculty and other resources. The basic requirements for all bachelor's degrees shall be maintained, including the required 120 credit hours necessary for graduation and all applicable general education requirements. In addition, the student for whom a contract degree is created shall have completed at

least 30 semester hours of credit at Lindenwood and be in good academic standing. Successful completion of the requirements for one of the undergraduate majors offered by the university must complete the greater of 18 credit hours or 40 percent of which must be taken within the Lindenwood University system. Standard grading practices shall be maintained for the contracted degree student.

Procedures for creating a contract degree are outlined below.

- The student works with a faculty advisor to develop a degree plan; both the student and the advisor will sign the proposed plan.
- The student submits the completed, signed plan to the school dean(s) for critique.
- Once the proposed contract degree has been approved by the advisor and school dean, the student submits the proposed plan to the registrar.
- The registrar submits the proposed contract degree to the Academic Standards and Processes Committee for review by the ASPC and the provost.
- The approved contract degree proposal is recorded and reported to the student and the faculty advisor by the registrar within 30 days of the submission of the contract to the ASPC committee.
- Any changes of degree requirements by the student and/or advisor after initial approval nullify the contract.
- The up-to-date contract degree program is included in the student's file in the Office of Academic Services.

General Education (GE) Program

The purpose of the general education program is to initiate, develop, demonstrate, and integrate Lindenwood's

Institutional Learning Outcomes (ILOs), with emphasis on ILOs 1, 2, and 3. (Emphasis on ILO 4 occurs primarily within the major and minor programs.) The Lindenwood ILOs are fully aligned with leading frameworks of essential 21st-century qualifications and serve to prepare the graduate, regardless of major, for personal success in a world of increasing complexity, innovation, and change.

GE Course Requirements

The table below summarizes the general education course and credit hour requirements for bachelor's degrees completed at Lindenwood. The requirements have been approved by the university. However, students should compare the requirements listed below against the particular GE requirements of their respective majors. Some programs require a particular course for the completion of the general education requirements, and other schools or departments have narrowed the list of courses required for GE credit within specific majors. Before selecting courses, students should consult with their advisor and the catalog for major-specific direction regarding general education requirements.

Students must complete at least three-credit-hours in each of the 14 areas below, for a total of at least 42 credit hours of general education coursework.

Students transferring into Lindenwood after completing the CBHE 42-hour block at a Missouri institution will not be required to take further general education courses at Lindenwood. However, transfer students who have not completed at least six credit hours of Human Diversity coursework must do so within major or elective coursework before graduation.

	Courses Designated
Core	
Composition I	GE-Communication ENGL 15000 or EPP 15000
Composition II	GE-Communication ENGL 17000
Math	GE-Math
U.S. Government or History	GE-Human Culture: U.S. History/Government
Natural & Social Science/Math	
Social Science	GE-Social Science
Natural Science with Lab	GE-Natural Science with Lab
Social or Natural Science Elective	GE-Social Science or GE-Natural Science, GE-Natural Science with Lab
Social Science, Natural Science, or Math Elective	GE-Math, GE-Social Science, GE-Natural Science, or GE-Natural Science with Lab
Human Culture	
Arts	GE-Human Culture: Arts
Literature	GE-Human Culture: Literature
Human Culture Elective I (non-literature, non-arts)	GE-Human Culture: U.S. History/Government, World History, Foreign Language, Foreign Culture, Religion, Philosophy
Human Culture Elective II	GE-Human Culture (any)
Electives	
GE Elective I	GE (any)
GE Elective II	GE (any)
Human Diversity <i>Note: Students may fulfill their GE-Human Diversity requirement with any course that meets a GE-Human Diversity requirement, including those that simultaneously fulfill another GE requirement.</i>	
Human Diversity I	GE-Human Diversity
Human Diversity II	GE-Human Diversity

COURSES AND PROGRAMS

Course Numbering

Courses at Lindenwood are numbered sequentially.

- 01000-09999: Preparatory coursework, with credit hours not counting toward the cumulative total number of credit hours required to earn a bachelor's degree
- 10000-19999: Introductory courses open to all students, normally not having prerequisites
- 20000-29999: Specialized courses open to all students, which may or may not have prerequisites
- 30000-39999: Advanced courses having prerequisites
- 40000-49999: Senior level courses having prerequisites
- 50000-79999: Master's, Thesis, EdS, EdD, and graduate workshops
- 80000-99999: Doctoral level courses and graduate workshops

Course Offering Frequency

The schedule of course offerings is dependent on student enrollment and availability of qualified instructors. The university reserves the right to cancel any course when enrollment is below minimum requirements or a qualified instructor is not available. It is up to the discretion of the individual school of the timeline of when/how a course is to be offered. Students should contact their advisor if they have questions about when a specific course will be offered.

The enrollment limit and prerequisite(s) of a course may be overridden by a dean (or others who are designated signatories) of the school the course is within. The student will need to complete a paper enrollment form including the authorized signature of the dean allowing the override and the student's advisor. The form can be taken to Academic Services for processing.

Course Types

Special Topics Courses

Special topics courses, listed alphabetically according to department prefix (indicated here by "XXX"), are followed by a course number, as follows: XXX 09000-09999, XXX 19000-19999, XXX 29000-29999, XXX 39000-39999, XXX 49000-49999, XXX 59000-59999, XXX 69000-69999, XXX 79000-79999. These courses are offered to cover special topics within a school or department. Special topics courses may be worth one to six credit hours and may be repeated, in some cases. Departments may designate specific course numbers for special topics courses if the courses meet general education or major requirements. Lab fees may be required.

Distance Learning Courses

A distance learning course is one in which 100 percent of the course instruction is provided through video conferencing. Class meets at a regularly scheduled day and time each week with the professor and classmates through a video conference classroom.

Independent Study

An independent study is an innovative, nonstandard class involving independent research/study on the part of the student under the guidance of an instructor. The contact time requirement for an independent study is one documented contact hour every two weeks. It is strongly recommended that undergraduate students who are granted independent studies have at least a 2.5 cumulative GPA. Graduate students should have at least a 3.0 cumulative GPA to qualify for an independent study course. Independent study courses cannot be used to meet an undergraduate general education requirement.

To enroll in an independent study course, the Independent Study Proposal form must be completed, signed, and returned to the Office of the Registrar no later than the third week of the term in which the work is to be done. An Add/Drop/Enrollment form and a one- to two- page course outline prepared by the student after consultation with the instructor must be attached.

Internships

Internships are available in many areas of study and provide the opportunity for students to obtain academic credit through an out-of-classroom work experience. Academic schools'/divisions' standards vary by program. Students interested in applying for internships should contact their faculty advisor for additional information. Internships are billed at the current tuition rate per credit hour. Internships may earn between zero and 12 credit hours depending on the program. Credit hours for internships are listed in course descriptions. Some degree programs may necessitate additional fieldwork and written documentation. Students, however, must meet the minimum standards set forth in this policy to be awarded credit for the internship.

Curriculum Practical Training (CPT)

CPT is special work authorization for international students. It allows them to participate in internships or work off of campus as long as they are enrolled in an internship course for that term.

- CPT is term based, meaning that it is only authorized for the term that the student is taking the internship course.
- Students must have CPT added to their I-20 if they are receiving compensation or participating in a paid

internship opportunity. If they are non-paid / volunteer internships then CPT does not need to be authorized on their I-20.

- CPT will only be authorized for part-time while the term is in session.
 - Undergraduate/Graduate students:
 - During the fall and spring semesters students can only work part-time.
 - Semester students can work full-time during the summer session.
- See Co-curricular Employment for International Students for more information.

Tutorials

A tutorial is a class listed in the catalog taught to a student on an individual basis. The content of the course is the same as the material taught in the regularly scheduled class. The contact time requirement for a tutorial is one documented contact hour per week during which the subject matter will be discussed and student progress evaluated. Only instructors who have previously taught the class in the regular session will be approved to teach a tutorial unless permission is granted by the dean. Only students with a true need will be considered for a tutorial, and it is up to the academic school and the instructor whether to grant a tutorial. It is strongly recommended that undergraduate students who are granted tutorials have at least a 2.5 cumulative GPA. Graduate students should have at least a 3.0 cumulative GPA to qualify for a tutorial course.

To enroll in a tutorial course, the tutorial proposal form must be completed, signed, and returned to the Office of Academic Services no later than the third week of the term in which the work is to be done. An add/drop/enrollment form and a syllabus must be attached.

Hybrid Courses

A hybrid course is a method of instruction in which the predominance (more than 50 percent) of the course is taught using a learning management system platform. Time in the classroom is reduced but not eliminated.

Semi-Hybrid Courses

A semi-hybrid course is a method of instruction in which 50 percent or less of the course is taught using a learning management system platform. Time in the classroom is reduced but not eliminated.

Online Courses

In an online course, 100 percent of course instruction is delivered using an online learning management system platform. No time spent in a physical classroom. In some cases, students may meet for an introductory and/or

summary meeting; however, these meetings are not mandatory.

Online courses might be assigned a lab fee (determined by each individual school) if they utilize a proctoring service for testing.

There is no limit on the number of online courses a semester undergraduate student can take per semester, except students with F-1 visas. For F-1 students enrolled in classes for credit or classroom hours, no more than the equivalent of one class or three credit hours per term, may be counted toward the full course of study requirement if the class is taken online or through distance education and does not require the student's physical attendance for classes, examination or other purposes integral to completion of the class. An online or distance education course is a course that is offered principally through the use of television, audio, or computer transmission including open broadcast, closed circuit, cable, microwave, satellite, audio conferencing, or computer conferencing.

Student Requirements for Online and Hybrid Courses

Hardware

- Computer with 2.58 GHZ or higher processor speed and at least 4 GB RAM.
- Webcam or camera on a mobile device.

Operating Systems

- Windows 7 and newer.
- Mac OSX 10.6 and newer.
- Linux - chromeOS.

Internet

- High-speed Internet connection (six Mbps or higher).

Software

- Microsoft Office 2016 or newer. Microsoft Office 365 is provided free of charge to all Lindenwood University faculty, staff, and students. Information on download and installation can be found at Academic Support Resources Information Technology Office 365.
- The latest version of Adobe Acrobat Reader or Preview to open and view .pdf documents.
- The latest version of Java.

Mobile Operating Systems (Optional)

- iOS 10 and newer.
- Android 7 and newer.

Attendance

Attendance in an online course is based on submission of one or more academic activities, such as discussion board participation, quiz, exam, paper, or other graded

assignment. Logging into a course, submitting the institutional ethics agreement, or submitting an introductory video does not constitute academic attendance.

Student Authentication and Video Content

Lindenwood takes academic integrity very seriously; therefore, compliance with student authentication requirements is a condition of enrollment in all online and hybrid courses. As per the Higher Education Opportunity Act (Public Law 110–315), student authentication is defined as “processes to establish that the student who registers for a distance education course or program is the same student who participates in and completes the program and receives the academic credit.”

Institutional authentication requirements include an ethics agreement, introductory video, end-of-course survey, and course specific methods, including but not limited to live or video proctoring, authentication technology, video assignments, videoconferences, and/or extensive writing assignments. The methods of student authentication incorporated into a particular course can be found in its syllabus. Any costs associated with authentication are disclosed prior to enrollment via fees included in course schedules.

To facilitate authentication measures, students must have ready access to a webcam or camera on a mobile device. Students who enroll in online or hybrid courses must also have a current photo, confirmed by a valid form of identification, within Lindenwood's student information system.

Students who fail to comply with authentication requirements may be withdrawn from the course at the discretion of the dean. Students withdrawn from a course are subject to university withdrawal policies and other consequences if the change moves them from full-time to part-time status.

Consortium Programs

Lindenwood University belongs to a consortium of colleges and universities in the Greater St. Louis area. The consortium includes Fontbonne University, Maryville University, Missouri Baptist University, and Webster University. Full-time traditional undergraduate Lindenwood students may enroll in courses offered at colleges and universities in the consortium and count those hours as part of their Lindenwood degree programs. Students must be enrolled full-time at Lindenwood University during the same term of enrollment at colleges and universities in the consortium. No additional tuition cost is involved for combined enrollments between 12 and 18 hours. Lab fees will be charged at the host university.

Study Abroad

Lindenwood University recognizes the value that studying abroad brings to a student's education and encourages

students to take advantage of study abroad opportunities. The student has the following study abroad options:

- Faculty-led courses for short-term study abroad, such as courses offered during throughout the year.
- Lindenwood semester abroad programs through our partner universities or study abroad providers.
- Summer opportunities to take classes abroad, complete an internship or conduct field research.
- An established program supervised by another American college or university, with academic credits being transferred back to Lindenwood.
- Independent study (either under the direction of a member of the Lindenwood faculty or by a host institution) that has been recognized by the sponsoring member of the Lindenwood faculty. A student who embarks on such study must send his or her transcript through World Education Services (WES) for evaluation before the credits can be accepted by Lindenwood.

The student must meet the following requirements to be eligible for a study abroad program:

- Be in good academic, social, and financial standing with Lindenwood University.
- Either have facility in the spoken language of the host country or be planning to study the language as a part of the approved study abroad coursework if this is required for the program.
- Meet course- or program-specific prerequisites.

All responsibility for travel, finances, application for admission to a foreign institution (where applicable), and the making of any other necessary arrangements rests with the student. For some programs, a student's enrollment in a program of study abroad is considered enrollment at the home institution for the purposes of applying for assistance under the Title IV programs. Students should consult the Office of Student Financial Services for additional information. Any student planning to take a course from any institution other than Lindenwood should complete a Prior Approval form before leaving. This will guarantee that the credit will be accepted by Lindenwood.

Any study abroad coursework must be approved by the department at Lindenwood that will recommend credit. The academic advisor will help the student make appropriate course choices. Final approval of the program and the credit to be granted after completion of the study abroad period rests with the assistant director of the study abroad program after consulting the associate provost of curriculum and experiential learning. Questions about student study abroad opportunities may be directed to the assistant director of study abroad at StudyAbroad@lindenwood.edu.

Note: In order to participate in study abroad programs, students must be degree-seeking students at Lindenwood University. Specific programs may have additional requirements. Deadlines for application vary according to the program, and it is the responsibility of the student to be informed as to those deadlines.

ROTC Cross-Enrollment

For information regarding ROTC cross-enrollment and simultaneous membership, see U.S. Air Force ROTC, (AES) Aerospace Studies in the course descriptions section of this catalog.

SCHOOL OF ARTS, MEDIA, AND COMMUNICATIONS

Jason Dude Lively, PhD, Dean

Mission

The School of Arts, Media, and Communications strives to advance the mission of Lindenwood University by offering high-quality academic programs to develop visual and performing artists, designers, and communicators. These programs are designed to attract diverse and talented students, stimulate active student engagement, and prepare students for professional achievement and lifelong learning.

Art and Design

- Art and Design, BA
- Art and Design, BA Online
- Art and Design, BA K-12 Education Certification Preparation
- Art and Design, BFA Digital Art Emphasis
- Art and Design, BFA Digital Art Emphasis Online
- Art and Design, BFA Graphic Design Emphasis
- Art and Design, BFA Graphic Design Emphasis Online
- Art and Design, BFA Photography Emphasis
- Art and Design, BFA Photography Emphasis Online
- Art and Design, BFA Web and User Experience Emphasis
- Art and Design, BFA Web and User Experience Emphasis Online
- Art History and Visual Culture, BA
- Art History and Visual Culture, BA Online
- Art History and Visual Culture, BA Pre-Art Conservation Emphasis
- Game Design, BA
- Game Design, BA Online
- Game Design, BA Game Art Emphasis
- Game Design, BA Game Art Emphasis Online
- Fashion Business and Entrepreneurship, BS
- Fashion Business and Entrepreneurship, BS Online
- Fashion Design and Technology, BFA
- Pre-Art Therapy, BA
- Pre-Art Therapy, BA Online

Minors

- Art History and Visual Culture Minor
- Digital Art Minor
- Digital Photography Minor
- Fashion Business & Entrepreneurship Minor
- Fashion Design Minor
- Game Design Minor
- Graphic Design Minor
- Studio Art Minor
- Web and User Experience Minor

Career Certificates

- Data Visualization Certificate
- Graphic Design Certificate**
- Web Design Certificate

*Added after publishing - July addendum 07/01/2020 ***

Communications

- Advertising and Strategic Communications, BA
- Cinema Arts, BA
- Cinema Arts, BFA
- Digital Marketing, BS**
- Digital Marketing, BS Online**
- Mass Communications, BA
- Mass Communications, BA Online
- Mass Communications, BA Broadcast Emphasis
- Mass Communications, BA Journalism Emphasis
- Mass Communications, BA Media Arts and Production Emphasis
- Mass Communications, BA Media Arts and Production Emphasis Online
- Mass Communications, BA Media Management and Sales Emphasis
- Mass Communications, BA Media Management and Sales Emphasis Online

*Updated after publishing - July addendum 07/01/2020***

Minors

- Advertising Minor
- Broadcast Communications Minor
- Broadcast News Minor

- Cinema Arts Minor
- Digital Marketing Minor**
- Journalism Minor
- Media Literacy Minor
- Public Relations Minor

*Updated after publishing - July addendum 07/01/2020***

Career Certificates

- Digital Marketing Certificate**
- Professional Communications Certificate
- Virtual Communications Certificate**

*Updated after publishing - July addendum 07/01/2020***

Performing Arts

- Acting, BFA
- Dance, BA
- Dance, BFA
- Directing, BFA
- Music, BA
- Music, BA K-12 Education Instrumental Certification Preparation
- Music, BA K-12 Education Vocal/Choral Certification Preparation
- Music Business and Entrepreneurship, BA
- Music Performance—Instrumental, BA
- Music Performance—Vocal, BA
- Musical Theatre, BFA
- Stage Management, BFA
- Technical Theatre/Design, BFA

Minors:

- Dance Minor
- Dance Studio Management Minor
- Jazz and Contemporary Music Minor
- Music Minor
- Musical Theatre Minor
- Theatre Minor

Students in the BFA programs are required to attend mandatory evaluation meetings with the theatre faculty annually. If a student's work is deemed to be deficient, he or she may be put on probationary status or asked to consider another major. It is recommended that full-time students pursuing the bachelor of fine arts work no more

than 15 hours per week in outside employment. Students must receive prior approval from the program chair to work on a non-departmental production in any capacity.

Art and Design

Early Access to the MA or MFA Program

With approval from the dean and associate provost, students may take up to nine credit hours at the graduate level during their senior year. These hours will apply toward an MA or MFA but not toward a bachelor's degree. Students must be enrolled in at least 12 credit hours of undergraduate classes each semester in which graduate courses are taken under this option.

ART AND DESIGN, BA

48 credit hours

Requirements

Foundation

AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 13000	Drawing I
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

One of the following courses:

AAD 12000	Digital Foundations
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator

One of the following courses:

AAD 10000	Introduction to Art and Design
FBD 20000	Introduction to Fashion Design

Art and Design Electives

Select 12 credit hours from the following courses (any four courses with an AAD or FBD prefix):

AAD 10100	Emerging Technologies
AAD 11000	Programming Logic
AAD 11600	Drag and Drop Web Design
AAD 20000	Painting I
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator
AAD 21000	User Interface/User Experience
AAD 21500	Printmaking I
AAD 22100	Sculpture I
AAD 22600	Digital Art I
AAD 23000	Microsoft Office Specialist Certification
AAD 23400	Fibers I
AAD 24000	Art and Design Firm I

AAD 24100	Ceramics I
AAD 25000	Typography I
AAD 30000	Portfolio and Career Foundations
AAD 30600	Imaging and Illustration
AAD 31500	Printmaking II
AAD 32000	Art and Design Firm II
AAD 32200	Motion Graphics
AAD 32500	Desktop Publishing
AAD 33000	Drawing II
AAD 33100	Figure Drawing I
AAD 33310	3D Printing
AAD 33400	Fibers II
AAD 33600	3D Graphics
AAD 33700	Digital Painting
AAD 34000	Ceramics II
AAD 35000	Portfolio Review
AAD 35001	Digital Photography II
AAD 35500	Branding
AAD 35600	Typography II
AAD 36000	Advanced 3D
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 38600-38699	Special Topics in Art and Design
FBD 21000	Textile Science
FBD 21100	Apparel Design I: Draping
FBD 22000	Introduction to the Fashion Industry
FBD 31200	Apparel Design II: Patternmaking
FBD 31600	Fashion Illustration
FBD 31700	Digital Apparel Production Management
FBD 35000	Computer-Aided Design I: Apparel Design
FBD 35100	Computer-Aided Design II: Textile Design
FBD 35200	Computer-Aided Design III: Patternmaking
FBD 35300	3D Fashion Design and Technology
FBD 37200	History of Costume to 1900
FBD 37300	History of Costume from 1900
FBD 37600	Fashion Accessories
FBD 38500	Fashion Business and Entrepreneurship
FBD 38530	Luxury Branding, Merchandising, and Visual Display
FBD 38540	Apparel Buying and Trend Forecasting in a Global Economy
FBD 38550	Sustainability in the Global Apparel Industry
FBD 38560	Fashion Marketing and Global Consumer Behavior

FBD 38570 Fashion Writing and Global Communication

Capstone

AAD 41000 Art and Design Capstone

One of the following courses:

AAD 30105 Applied Art and Design

AMC 44444 Internship

No duplication of coursework allowed.

ART AND DESIGN, BA K-12 EDUCATION CERTIFICATION PREPARATION

Students seeking (Grades K-12) certification must (1) earn a bachelor of arts in art and design and (2) complete the requirements for a minor in education (Grades K-12).

Note that students seeking (Grades K-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. See the requirements in the School of Education section of this catalog. (p. 123)

ART AND DESIGN, BFA DIGITAL ART EMPHASIS

78 credit hours

Requirements

Foundation

AAD 10000	Introduction to Art and Design
AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 13000	Drawing I
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I
AAD 35000	Portfolio Review
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

One of the following courses:

AAD 12000	Digital Foundations
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator

One of the following courses:

AAD 33000	Drawing II
AAD 33100	Figure Drawing I

Core Digital Art Emphasis Courses:

AAD 20000	Painting I
AAD 21500	Printmaking I
AAD 22600	Digital Art I

AAD 33610	Digital Art II
AAD 34600	Digital Art III
AAD 36000	Advanced 3D
AAD 44600	Digital Art IV
AMC 43000	Arts Entrepreneurship

Art and Design Electives

Select six credit hours from the following courses (two courses with an AAD prefix):

AAD 10100	Emerging Technologies
AAD 11000	Programming Logic
AAD 11600	Drag and Drop Web Design
AAD 20400	Adobe Certification in Illustrator
AAD 21000	User Interface/User Experience
AAD 22100	Sculpture I
AAD 22600	Digital Art I
AAD 23000	Microsoft Office Specialist Certification
AAD 23400	Fibers I
AAD 24100	Ceramics I
AAD 25000	Typography I
AAD 30600	Imaging and Illustration
AAD 31500	Printmaking II
AAD 32200	Motion Graphics
AAD 32500	Desktop Publishing
AAD 33000	Drawing II
AAD 33100	Figure Drawing I
AAD 33310	3D Printing
AAD 33400	Fibers II
AAD 33600	3D Graphics
AAD 33700	Digital Painting
AAD 34000	Ceramics II
AAD 35001	Digital Photography II
AAD 36001	Digital Photography III
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 38600-38699	Special Topics in Art and Design
AAD 40100	Painting III
AAD 41500	Printmaking III
AAD 42400	Applications for Mobile Devices

Art History

ARTH 38000	History of Digital Art
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Art History Electives

Select three credit hours from the following Art History courses (one course with an ARTH prefix):

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

ARTH 36300	Early Modern Gender Studies
ARTH 36500	History of Photography
ARTH 36900	History of Graphic Design
ARTH 37000	History of Games and Critical Theory
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38900	Art Theory and Criticism

Capstone

AAD 41000	Art and Design Capstone
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One of the following courses:

AAD 30105	Applied Art and Design
AMC 44444	Internship

ART AND DESIGN, BFA GRAPHIC DESIGN EMPHASIS

78 credit hours

Requirements

Foundation

AAD 10000	Introduction to Art and Design
AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 13000	Drawing I
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I
AAD 35000	Portfolio Review
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

One of the following courses:

AAD 12000	Digital Foundations
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator

Core Graphic Design Emphasis Courses:

AAD 25000	Typography I
AAD 30100	Print Design and Production
AAD 30600	Imaging and Illustration
AAD 32200	Motion Graphics
AAD 35500	Branding
AAD 35600	Typography II
AAD 41800	Graphic Design Portfolio
AAD 41900	Graphic Design Studio
AMC 43000	Arts Entrepreneurship

Art and Design Electives

Select six credit hours from the following courses (one course with an AAD prefix):

AAD 10100	Emerging Technologies
AAD 11000	Programming Logic
AAD 11600	Drag and Drop Web Design
AAD 20400	Adobe Certification in Illustrator
AAD 21000	User Interface/User Experience
AAD 22100	Sculpture I
AAD 22600	Digital Art I
AAD 23000	Microsoft Office Specialist Certification
AAD 23400	Fibers I
AAD 24100	Ceramics I
AAD 31500	Printmaking II
AAD 32500	Desktop Publishing
AAD 33000	Drawing II
AAD 33100	Figure Drawing I
AAD 33400	Fibers II
AAD 33600	3D Graphics
AAD 33700	Digital Painting
AAD 34000	Ceramics II
AAD 35001	Digital Photography II
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 38600-38699	Special Topics in Art and Design
AAD 40100	Painting III
AAD 41500	Printmaking III
AAD 42400	Applications for Mobile Devices

Art History

ARTH 36900 History of Graphic Design

Art History Electives

Select three credit hours from the following Art History courses (one course with an ARTH prefix):

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36500	History of Photography
ARTH 36900	History of Graphic Design
ARTH 37000	History of Games and Critical Theory
ARTH 38000	History of Digital Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38900	Art Theory and Criticism

One of the following courses:

AAD 30105	Applied Art and Design
AMC 44444	Internship
Capstone	
AAD 41000	Art and Design Capstone

ART AND DESIGN, BFA PHOTOGRAPHY EMPHASIS

78 credit hours

Requirements

Foundation

AAD 10000	Introduction to Art and Design
AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 13000	Drawing I
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I
AAD 35000	Portfolio Review
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

One of the following courses:

AAD 12000	Digital Foundations
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator

One of the following courses:

AAD 33000	Drawing II
AAD 33100	Figure Drawing I

Core Photography Emphasis Courses:

AAD 20000	Painting I
AAD 21500	Printmaking I
AAD 35001	Digital Photography II
AAD 36000	Advanced 3D
AAD 36001	Digital Photography III
AAD 46001	Digital Photography IV
AMC 43000	Arts Entrepreneurship

Art and Design Electives

Select nine credit hours from the following courses (three courses with an AAD prefix):

AAD 10100	Emerging Technologies
AAD 11000	Programming Logic
AAD 11600	Drag and Drop Web Design
AAD 20400	Adobe Certification in Illustrator
AAD 21000	User Interface/User Experience
AAD 22100	Sculpture I
AAD 22600	Digital Art I
AAD 23000	Microsoft Office Specialist Certification
AAD 23400	Fibers I
AAD 24100	Ceramics I

AAD 25000	Typography I
AAD 30600	Imaging and Illustration
AAD 31500	Printmaking II
AAD 32200	Motion Graphics
AAD 32500	Desktop Publishing
AAD 33000	Drawing II
AAD 33100	Figure Drawing I
AAD 33310	3D Printing
AAD 33400	Fibers II
AAD 33600	3D Graphics
AAD 33700	Digital Painting
AAD 34000	Ceramics II
AAD 35001	Digital Photography II
AAD 36001	Digital Photography III
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 38600-38699	Special Topics in Art and Design
AAD 40100	Painting III
AAD 41500	Printmaking III
AAD 42400	Applications for Mobile Devices

Art History

ARTH 36500	History of Photography
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Art History Electives

Select three credit hours from the following Art History courses (one course with an ARTH prefix):

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36900	History of Graphic Design
ARTH 37000	History of Games and Critical Theory
ARTH 38000	History of Digital Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38900	Art Theory and Criticism

One of the following courses:

AAD 30105	Applied Art and Design
AMC 44444	Internship

Capstone

AAD 41000	Art and Design Capstone
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ART AND DESIGN, BFA WEB AND USER EXPERIENCE EMPHASIS

78 credit hours

Requirements

Foundation

AAD 10000	Introduction to Art and Design
AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 13000	Drawing I
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I
AAD 35000	Portfolio Review
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

One of the following courses:

AAD 12000	Digital Foundations
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator

Core Web and User Experience Emphasis Courses:

AAD 11000	Programming Logic
AAD 25000	Typography I
AAD 32200	Motion Graphics
AAD 35500	Branding
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 36300	Web Design - User Experience III
AMC 43000	Arts Entrepreneurship

Art and Design Electives

Select nine credit hours from the following courses (two courses with an AAD prefix):

AAD 10100	Emerging Technologies
AAD 11000	Programming Logic
AAD 11600	Drag and Drop Web Design
AAD 20400	Adobe Certification in Illustrator
AAD 22100	Sculpture I
AAD 22600	Digital Art I
AAD 23000	Microsoft Office Specialist Certification
AAD 23400	Fibers I
AAD 24100	Ceramics I
AAD 25000	Typography I
AAD 30600	Imaging and Illustration
AAD 31500	Printmaking II
AAD 32200	Motion Graphics
AAD 32500	Desktop Publishing
AAD 33000	Drawing II
AAD 33100	Figure Drawing I
AAD 33310	3D Printing
AAD 33400	Fibers II

AAD 33600	3D Graphics
AAD 33700	Digital Painting
AAD 34000	Ceramics II
AAD 35001	Digital Photography II
AAD 36001	Digital Photography III
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 38600-38699	Special Topics in Art and Design
AAD 40100	Painting III
AAD 41500	Printmaking III
AAD 42400	Applications for Mobile Devices

Art History

ARTH 36900	History of Graphic Design
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Art History Electives

Select three credit hours from the following Art History courses (one course with an ARTH prefix):

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36500	History of Photography
ARTH 37000	History of Games and Critical Theory
ARTH 38000	History of Digital Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38900	Art Theory and Criticism

One of the following courses:

AAD 30105	Applied Art and Design
AMC 44444	Internship

Capstone

AAD 41000	Art and Design Capstone
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ART HISTORY AND VISUAL CULTURE, BA

36 credit hours

Requirements

Studio Foundation

AAD 10600	Design I
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Art History Foundation

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art

Pre-1800 Art History

Six credit hours selected from the following options:

ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
FBD 37200	History of Costume to 1900

Post-1800 Art History

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36500	History of Photography
ARTH 36900	History of Graphic Design
ARTH 37000	History of Games and Critical Theory
ARTH 38000	History of Digital Art
COM 37000	History of World Cinema
FBD 37300	History of Costume from 1900

Art History Electives

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary
ARTH 36300	Early Modern Gender Studies
ARTH 36401-36499	Topics in Non-Western Art
ARTH 36500	History of Photography
ARTH 36900	History of Graphic Design
ARTH 37000	History of Games and Critical Theory
ARTH 38000	History of Digital Art
ARTH 38300	Renaissance Art
ARTH 38400	Classical Myth
ARTH 38600-38699	Special Topics
ARTH 38700-38799	Special Topics
ARTH 38800-38899	Special Topics
ARTH 38900	Art Theory and Criticism

ARTH 42000	Directed Research
COM 37000	History of World Cinema
COM 37600	Asian Cinema
FBD 37200	History of Costume to 1900
FBD 37300	History of Costume from 1900
NPA 20001	Introduction to Nonprofit Organizations and Community Service
NPA 30000	Fundraising
NPA 37100	Grantwriting

Practicum

Students must be enrolled in a practicum section each term.

ARTH 10100	Art History Practicum
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Capstone

AMC 44444	Internship
ARTH 41000	Research Methods of Art History

The Bachelor of Arts in Art History and Visual Culture also requires the following:

- Continuous enrollment in ARTH 10100.
- Passing scores on periodic assessments of program-level student learning outcomes.
- Foreign Language is strongly recommended.

Study abroad courses may satisfy degree requirements with permission of the dean. Students should consult their advisor.

ART HISTORY AND VISUAL CULTURE, BA PRE-ART CONSERVATION EMPHASIS

70-73 credit hours

Requirements

36 credit hours in art history.

Studio Foundation (minimum grade of C)

AAD 10600	Design I
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Art History Foundation (minimum grade of C)

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art

Pre-1800 Art History

Six credit hours selected from the following options:

ARTH 35600	Baroque Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art

Post-1800 Art History

Six credit hours selected from the following options:

ARTH 35400	Nineteenth-Century Art
ARTH 36100	Twentieth-Century Art/Modern
ARTH 36200	Twentieth-Century Art/Contemporary

Also required is a three credit hour ARTH course numbered 30000-level or above.

Research Methods

ARTH 41000	Research Methods of Art History
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Internship in Museum Studies (six credit hours; 400 total clock hours)

AMC 44444	Internship
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Practicum

Students must be enrolled in a practicum section each term.

ARTH 10100	Art History Practicum
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Chemistry (minimum grade of C)

19 credit hours

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II

Those continuing on for graduate certification, an additional (fifth) science course for three-four credit hours is recommended to supplement or strengthen understanding of the fundamental principles underlying conservation science. This course can count towards the General Education elective requirement.

Studio Art (minimum grade of C)

15 credit hours total

12 credit hours from the following:

AAD 13000	Drawing I
AAD 13600	Design II
AAD 20000	Painting I
AAD 33100	Figure Drawing I

One of the following courses:

AAD 18101	Digital Photography I
AAD 21500	Printmaking I
AAD 22100	Sculpture I
AAD 23400	Fibers I
AAD 24100	Ceramics I

The Bachelor of Arts in Art History and Visual Culture with emphasis in pre-art conservation also requires the following:

- Continuous enrollment in ARTH 10100.

- An ANT course is required to satisfy one of the GE-Social Sciences requirements.
- CHM 23000 can be used to satisfy one of the GE-Natural Science requirements.
- HIST 11100 or HIST 11200 are preferred to satisfy the GE-Human Culture: US History/Government requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

Study abroad courses may satisfy degree requirements with permission of the dean. Students should consult their advisor.

FASHION BUSINESS AND ENTREPRENEURSHIP, BS

54 credit hours

Requirements

Foundation

ACCT 21010	Principles of Financial Accounting
AMC 44444	Internship
FBD 10200	Fashion Design Practicum
FBD 22000	Introduction to the Fashion Industry
FBD 31700	Digital Apparel Production Management
FBD 37200	History of Costume to 1900
FBD 37300	History of Costume from 1900
FBD 38500	Fashion Business and Entrepreneurship
FBD 47000	Fashion Business Capstone
FIN 32000	Principles of Finance
MGMT 26061	Business Law I

Electives

Select 24 credit hours from the following courses:

ECON 23020	Principles of Microeconomics
ENTR 37510	Small Business and Entrepreneurship
FBD 35300	3D Fashion Design and Technology
FBD 38530	Luxury Branding, Merchandising, and Visual Display
FBD 38540	Apparel Buying and Trend Forecasting in a Global Economy
FBD 38550	Sustainability in the Global Apparel Industry
FBD 38560	Fashion Marketing and Global Consumer Behavior
FBD 38570	Fashion Writing and Global Communication

INTL 38000/MGMT 36000	Global Business and Society
INTL 48010/MRKT 35015	International Marketing
MRKT 35010	Principles of Marketing
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling

Also required is the following item:

- Enrollment in FBD 10200 each semester of full-time enrollment.

FASHION DESIGN AND TECHNOLOGY, BFA

78 credit hours

Requirements

Foundation

AAD 10600	Design I
AAD 12000	Digital Foundations
AAD 13000	Drawing I
AAD 13600	Design II
AAD 35000	Portfolio Review
AMC 44444	Internship
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
FBD 20000	Introduction to Fashion Design
FBD 21000	Textile Science
FBD 21100	Apparel Design I: Draping
FBD 31200	Apparel Design II: Patternmaking
FBD 31300	Apparel Design III: Mini Collections
FBD 31600	Fashion Illustration
FBD 35000	Computer-Aided Design I: Apparel Design
FBD 35100	Computer-Aided Design II: Textile Design
FBD 35200	Computer-Aided Design III: Patternmaking
FBD 35300	3D Fashion Design and Technology
FBD 37200	History of Costume to 1900
FBD 37300	History of Costume from 1900
FBD 37600	Fashion Accessories
FBD 38500	Fashion Business and Entrepreneurship
FBD 41400	Apparel Design IV: Technical Design
FBD 45000	Portfolio Design
FBD 48700	Senior Collection I

FBD 48800 Senior Collection II

GAME DESIGN, BA*54 credit hours***Requirements**

Foundation

AAD 10600	Design I
AAD 11000	Programming Logic
AAD 12000	Digital Foundations
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 33600	3D Graphics
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
GAM 10000	Introduction to Game Design
GAM 35800	Game Development I

Electives

Select 21 credit hours from the following:

AAD 10100	Emerging Technologies
AAD 13000	Drawing I
AAD 32900	Concept Design
AAD 33100	Figure Drawing I
AAD 42400	Applications for Mobile Devices
AMC 43000	Arts Entrepreneurship
AMC 44444	Internship
ARTH 37000	History of Games and Critical Theory
ARTH 38400	Classical Myth
ENGL 20900	Writing for Game Design
GAM 30100	Project and Portfolio I
GAM 30110	Project and Portfolio II
GAM 30120	Level Design
GAM 31000	Scripting for Games
GAM 32000	Audio for Games
GAM 33000	Game Testing
GAM 35000	Project and Portfolio III
GAM 35900	Game Development II
GAM 38600-38699	Special Topics
GAM 46900	3D Animation

Capstone

AAD 41000	Art and Design Capstone
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GAME DESIGN, BA GAME ART EMPHASIS*54 credit hours***Requirements**

Required Game Art courses

AAD 13000	Drawing I
AAD 32900	Concept Design
ARTH 38400	Classical Myth
GAM 46900	3D Animation

Foundation

AAD 10600	Design I
AAD 11000	Programming Logic
AAD 12000	Digital Foundations
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 33600	3D Graphics
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
GAM 10000	Introduction to Game Design
GAM 35800	Game Development I

Electives

Select nine credit hours from the following:

AAD 10100	Emerging Technologies
AAD 33100	Figure Drawing I
AAD 42400	Applications for Mobile Devices
AMC 43000	Arts Entrepreneurship
AMC 44444	Internship
ARTH 37000	History of Games and Critical Theory
ENGL 20900	Writing for Game Design
GAM 30100	Project and Portfolio I
GAM 30110	Project and Portfolio II
GAM 30120	Level Design
GAM 31000	Scripting for Games
GAM 32000	Audio for Games
GAM 33000	Game Testing
GAM 35000	Project and Portfolio III
GAM 35900	Game Development II
GAM 38600-38699	Special Topics

Capstone

AAD 41000	Art and Design Capstone
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PRE-ART THERAPY, BA*48 credit hours***Requirements**

Foundation

AAD 10000	Introduction to Art and Design
AAD 10600	Design I
AAD 12000	Digital Foundations
AAD 13000	Drawing I
AAD 13600	Design II

ARTH 22200 History of Western Art to 1300
 ARTH 22400 History of Western Art from 1300

Studio Art Electives

Select 12 credits from the following courses in Studio Art:

AAD 14000 Visual Storytelling
 AAD 18101 Digital Photography I
 AAD 20000 Painting I
 AAD 21500 Printmaking I
 AAD 22100 Sculpture I
 AAD 22600 Digital Art I
 AAD 23400 Fibers I
 AAD 24000 Art and Design Firm I
 AAD 33000 Drawing II
 AAD 33100 Figure Drawing I

Psychology Requirement

PSY 10000 Principles of Psychology
 PSY 20500 Human Development
 PSY 30300 Abnormal Psychology

Capstone

AMC 44444 Internship

Notes: 1) Study abroad courses may satisfy degree requirements with permission of the dean. Students should consult their advisor. 2) MTH 14100 is required for this degree, but will also fulfill the General Education Math (GE-Math) requirement. 3) This degree provides coursework necessary to continue on and receive a graduate degree, which is necessary to be a licensed art therapist and practice. See requirements of specific graduate institution should additional coursework be recommended, such as a course in art therapy or art education.

Psychology Electives

Select three credit hours from the following Psychology electives (one course with a PSY prefix):

PSY 20800 Child Psychology
 PSY 23500 Death and Dying
 PSY 29000-29999 Special Topics in Psychology
 PSY 30800 Psychology of Women
 PSY 30900 Personality
 PSY 31200 Psychology of Aging
 PSY 31300 Psychology of Adolescence
 PSY 39000-39999 Special Topics in Psychology

ART HISTORY AND VISUAL CULTURE MINOR

18 credit hours

Requirements

ARTH 22200 History of Western Art to 1300

ARTH 22400 History of Western Art from 1300
 Pre-1800 Art History

One of the following courses:

ARTH 35600 Baroque Art
 ARTH 35700 Ancient Art
 ARTH 35800 Medieval Art
 ARTH 38300 Renaissance Art

Post-1800 Art History

One of the following courses:

ARTH 35400 Nineteenth-Century Art
 ARTH 36100 Twentieth-Century Art/Modern
 ARTH 36200 Twentieth-Century Art/Contemporary

ARTH 36300 Early Modern Gender Studies

Two (six credit hours) from the following courses:

ARTH 22600 History of Non-Western Art
 ARTH 35400 Nineteenth-Century Art
 ARTH 35600 Baroque Art
 ARTH 35700 Ancient Art
 ARTH 35800 Medieval Art
 ARTH 36100 Twentieth-Century Art/Modern
 ARTH 36200 Twentieth-Century Art/Contemporary

ARTH 36300 Early Modern Gender Studies
 ARTH 36401-36499 Topics in Non-Western Art

ARTH 36900 History of Graphic Design
 ARTH 37000 History of Games and Critical Theory

ARTH 38300 Renaissance Art
 ARTH 38400 Classical Myth
 ARTH 38600-38699 Special Topics

ARTH 38700-38799 Special Topics

ARTH 38800-38899 Special Topics

ARTH 38900 Art Theory and Criticism
 ARTH 42000 Directed Research
 ARTH 46500 Art History Internship
 AMC 44444 Internship
 COM 37000 History of World Cinema

DIGITAL ART MINOR

21 credit hours

Requirements

AAD 12000 Digital Foundations
 AAD 14000 Visual Storytelling
 AAD 18101 Digital Photography I

AAD 22600	Digital Art I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

One of the following courses:

AAD 10050	Introduction to Web Design
AAD 10100	Emerging Technologies
AAD 10600	Design I
AAD 11600	Drag and Drop Web Design
AAD 13000	Drawing I
AAD 13600	Design II
AAD 33610	Digital Art II

DIGITAL PHOTOGRAPHY MINOR

18 credit hours

Requirements

AAD 10600	Design I
AAD 12000	Digital Foundations
AAD 18101	Digital Photography I
AAD 35001	Digital Photography II
ARTH 36500	History of Photography

One of the following courses:

AAD 22600	Digital Art I
COM 22500	Photojournalism

FASHION BUSINESS AND ENTREPRENEURSHIP MINOR

18 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
FBD 22000	Introduction to the Fashion Industry
FBD 31700	Digital Apparel Production Management
MGMT 26061	Business Law I
MTH 14100 or MTH 14200	with a C or better is recommended to satisfy the prerequisite for ACCT 21010.

One of the following courses:

ENTR 37510	Small Business and Entrepreneurship
FBD 38500	Fashion Business and Entrepreneurship

One of the following courses:

FBD 37200	History of Costume to 1900
FBD 37300	History of Costume from 1900

FASHION DESIGN MINOR

21 credit hours

Requirements

AAD 13000	Drawing I
FBD 20000	Introduction to Fashion Design
FBD 21000	Textile Science
FBD 21100	Apparel Design I: Draping
FBD 31200	Apparel Design II: Patternmaking
FBD 31600	Fashion Illustration

One of the following courses:

FBD 37200	History of Costume to 1900
FBD 37300	History of Costume from 1900

Students are required to complete the following:

Four semesters with a passing grade in FBD 10200.

FBD 10200	Fashion Design Practicum
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GAME DESIGN MINOR

21 credit hours

The minor in game design provides students of any major with a hands-on introduction to the field of game design and development. Students will develop skills in image manipulation, 3D-modeling, 3D-level design, and 2-dimensional game development, as well as the history of video games.

Requirements

AAD 12000	Digital Foundations
AAD 32900	Concept Design
AAD 33600	3D Graphics
ARTH 37000	History of Games and Critical Theory
GAM 10000	Introduction to Game Design
GAM 30120	Level Design
GAM 35800	Game Development I

GRAPHIC DESIGN MINOR

21 credit hours

Requirements

AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 12000	Digital Foundations
AAD 13000	Drawing I
AAD 25000	Typography I
AAD 30100	Print Design and Production
AAD 30600	Imaging and Illustration

STUDIO ART MINOR

24 credit hours

Requirements

AAD 10600	Design I
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AAD 12000	Digital Foundations
AAD 13000	Drawing I
AAD 13600	Design II
AAD 33100	Figure Drawing I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300

AAD 20300	Adobe Certification in Illustrator
AAD 20400	
AAD 25000	Typography I
AAD 30600	Imaging and Illustration
AAD 32200	Motion Graphics

One of the following courses:

AAD 18101	Digital Photography I
AAD 20000	Painting I
AAD 21500	Printmaking I
AAD 22100	Sculpture I
AAD 23400	Fibers I
AAD 24100	Ceramics I

WEB AND USER EXPERIENCE MINOR

18 credit hours

The minor in web and user experience provides students of any major with a hands-on introductory view of this exciting field of study. Students will develop basic skills used in the design and development of digital content, web sites, and interactive pieces. The minor is comprised of a nine-credit hour core and nine credit hours of electives from an approved course list.

Requirements

AAD 10050	Introduction to Web Design
AAD 11000	Programming Logic
AAD 12000	Digital Foundations
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II

One of the following courses:

AAD 11600	Drag and Drop Web Design
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I

GRAPHIC DESIGN CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate

Requirements:

AAD 12000	Digital Foundations
AAD 24000	Art and Design Firm I
	or
AMC 44444	Internship
	An applied course in major approved by the dean.

9 credit hours from the following courses:

WEB DESIGN CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

Requirements

AAD 10050	Introduction to Web Design
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II

One of the following courses:

AAD 11600	Drag and Drop Web Design
AAD 36300	Web Design - User Experience III

One of the following courses:

AAD 24000	Art and Design Firm I
AMC 44444	Internship

Communications

ADVERTISING AND STRATEGIC COMMUNICATIONS, BA

60 credit hours

"The only constant is change." This statement is especially true because consumer tastes are constantly changing as well as the media those consumers use to interact with products and services. We are exposed to up to 5,000 ads per day on personal computers, on our telephones, at the gas pumps, in movie theaters, on wrapped cars, in bathroom stalls, on stickers placed on fruit, and during sporting events. Like advertising, public relations is everywhere, as practitioners strive to gain editorial coverage for individuals and companies.

Digital media has reshaped the ad game as consumers are leaving a digital trail of their consumption of products and services. Companies risk losing customers if they are unable to tailor campaigns that reflect and resonate with the target audience. Consumers desire a dialogue with brands, and social media (tweet, video, chat, post, hashtag, blog) is an ideal tool for advertisers to converse with current and potential customers. Companies need savvy and knowledgeable people to navigate ever-changing situations. This could be you.

Requirements

ASC 10800	Advertising and Strategic Communications Seminar
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator
ASC 22800	Fundamentals of Public Relations
ASC 24500	Fundamentals of Advertising
ASC 33500	Media Planning and Buying
ASC 33900	Effective Messaging in Public Relations
ASC 34200	Advertising Copywriting
ASC 36300	Creative Advertising Concepts
ASC 41600	Advertising Competition I: The Campaign
ASC 41700	Advertising Competition II: The Pitch
ASC 42700	Advertising Campaign Management
ASC 44000	Public Relations Plan Management
COM 15400	Video Production
COM 24200	Basic Reporting
COM 32700	Media Literacy
DCS 35000	Personal Branding and Content Creation
DCS 38700	Emerging Platforms and Analytics
MRKT 35010	Principles of Marketing
MRKT 45070	Consumer Behavior

Three credit hours selected from the following:

AMC 44444	Internship
ASC 30141	Applied Advertising and Strategic Communications I
ASC 30142	Applied Advertising and Strategic Communications II
ASC 30143	Applied Advertising and Strategic Communications III

CINEMA ARTS, BA

60 credit hours

The Bachelor of Arts in Cinema Arts instructs students in strategies, styles, and hands-on techniques for filmmaking. The degree connects students' studies of the liberal arts with the process of telling stories with moving pictures.

Students in the Bachelor of Arts in Cinema Arts program will:

- Create films that are engaging works of cinematic storytelling.

- Be able to understand the style and technique of filmmaking.
- Be versatile media producers, able to apply a wide variety of tools and technology to the art of cinematic storytelling.
- Build and draw on a broad knowledge of the liberal arts in managing the collaborative creative process.

Requirements

AAD 12000	Digital Foundations
COM 10900	Cinema Seminar
COM 14000	Introduction to Cinema Arts
COM 15400	Video Production
COM 25600	Television Production
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 35400	Producing for Film and Video
COM 35700	Editing for Film and Video
COM 35900	Short Film Production
COM 36110	Cinematography
COM 36550	Sound for Film and Video
COM 37000	History of World Cinema
COM 41700	Narrative Screenwriting
COM 45101	Cinema Capstone I

One (3 credit hours) of the following courses:

Any course addressing either GE-Human Culture: Philosophy or GE-Human Culture: Religion.

Four of the following courses (3 credit hours):

AAD 32200	Motion Graphics
AAD 32900	Concept Design
AAD 33600	3D Graphics
AMC 43000	Arts Entrepreneurship
COM 37100-37199	Topics in Production
COM 37200-37299	Topics in Post-Production
COM 37300-37399	Topics in Producing
COM 37400-37499	Topics in Scriptwriting
COM 37500-37599	Topics in Media Studies
COM 37600	Asian Cinema
DCS 40000	Contemporary Audience Analysis
GAM 46900	3D Animation

One of the following courses (3 credit hours):

AMC 44444	Internship
COM 30131	Applied Mass Communication-Video I
COM 30132	Applied Mass Communication-Video II

COM 30133 Applied Mass Communication-
Video III

CINEMA ARTS, BFA

81 credit hours

The Bachelor of Fine Arts in cinema arts offers a rigorous focus on professional-style filmmaking. Students explore strategies, styles, and hands-on techniques for creating works of cinematic art. Students in the Bachelor of Fine Arts in cinema arts program will

- Create films that are engaging and meaningful works of cinematic storytelling.
- Be able to understand and master the style and technique of filmmaking.
- Be versatile media producers, able to make the best use of the wide variety of tools and technology appropriate to any particular cinematic story.
- Build and draw on a broad knowledge of the liberal arts in leading a collaborative creative process.
- Assess creative work using the standards, language and history of cinema.

Requirements

AAD 20300	Adobe Certification in Photoshop
AMC 43000	Arts Entrepreneurship
COM 10900	Cinema Seminar
COM 14000	Introduction to Cinema Arts
COM 15400	Video Production
COM 25600	Television Production
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 35400	Producing for Film and Video
COM 35700	Editing for Film and Video
COM 35900	Short Film Production
COM 36110	Cinematography
COM 36550	Sound for Film and Video
COM 37000	History of World Cinema
COM 41700	Narrative Screenwriting
COM 45101	Cinema Capstone I
COM 45102	Cinema Capstone II

One (three credit hours) of the following courses:

Any course addressing either GE-Human Culture: Philosophy or GE-Human Culture: Religion.

One (three credit hours) of the following courses:

ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art
COM 37500-37599	Topics in Media Studies
TA 11700	Introduction to the Theatrical Arts

TA 37000 History of Theatre
TA 37100 History of Theatre I
TA 37200 History of Theatre II

One (three credit hours) of the following courses:

ENGL 22200 Writing about Reality
Or Any 30000-level course addressing GE-Human Culture: Literature

Six (18 credit hours) of the following courses:

AAD 32200	Motion Graphics
AAD 32900	Concept Design
AAD 33600	3D Graphics
COM 37100-37199	Topics in Production
COM 37200-37299	Topics in Post-Production
COM 37300-37399	Topics in Producing
COM 37400-37499	Topics in Scriptwriting
COM 37500-37599	Topics in Media Studies
COM 37600	Asian Cinema
DCS 40000	Contemporary Audience Analysis
GAM 46900	3D Animation

Two (six credit hours) of the following courses:

AMC 44444	Internship
COM 30131	Applied Mass Communication-Video I
COM 30132	Applied Mass Communication-Video II
COM 30133	Applied Mass Communication-Video III

The Bachelor of Fine Arts in cinema arts also requires the following:

- An overall grade point average of 3.0 or higher
- Satisfactory scores on assessment of program-level student outcomes in a review of the student's portfolio upon completion of COM 35900.

DIGITAL MARKETING, BS**

48 credit hours

Requirements

AAD 10050	Introduction to Web Design
AAD 12000	Digital Foundations
AAD 18101	Digital Photography I
DCS 20000	Digital Content and Demographics
DCS 35000	Personal Branding and Content Creation
DCS 36000	Information Literacy
DCS 38700	Emerging Platforms and Analytics

DCS 40000	Contemporary Audience Analysis
MRKT 35010	Principles of Marketing
MRKT 35025	Social Media Marketing
MRKT 35045	Digital Marketing
Select 9 credit hours from the following courses:	
AAD 10000	Introduction to Art and Design
AAD 11000	Programming Logic
AAD 14000	Visual Storytelling
AAD 23000	Microsoft Office Specialist Certification
AAD 24000	Art and Design Firm I
AAD 35001	Digital Photography II
COM 15100	Radio Production
COM 15400	Video Production
COM 37100-37199	Topics in Production
COM 37200-37299	Topics in Post-Production
COM 37300-37399	Topics in Producing
COM 37400-37499	Topics in Scriptwriting
COM 37500-37599	Topics in Media Studies
DCS 10000	History of Contemporary Media Industries
DCS 30000	Media Literacy Theory
DCS 35000	Personal Branding and Content Creation
DCS 37000	Digital Content Strategy Practicum II
DCS 38600-38699	Special Topics
DCS 40000	Contemporary Audience Analysis
DCS 45000	Digital Content Strategy Practicum III
MGMT 16025	Introduction to Business and Free Enterprise
MGMT 24000	Introduction to Information Systems
MRKT 35020	Marketing Information and Research
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
MRKT 45080	Marketing Management and Planning
MRKT 45095	Internship
MRKT 49000-49999	Special Topics in Marketing
NPA 30000	Fundraising
NPA 38300	Marketing for Nonprofit Organizations

Select 3 credit hours from the following courses:

MRKT 35020	Marketing Information and Research
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
MRKT 45080	Marketing Management and Planning
MRKT 45095	Internship
MRKT 49000-49999	Special Topics in Marketing
NPA 30000	Fundraising
NPA 38300	Marketing for Nonprofit Organizations

Practicum

Students must be enrolled in a practicum section each term in the following course.

COM 10800	Mass Communications Seminar
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Capstone

One (3 credit hours) of the following courses:

AMC 44444	Internship
DCS 45000	Digital Content Strategy Practicum III
MRKT 45095	Internship

Notes: The following courses are required as part of the General Education Requirements.

ARTH 22200 History of Western Art to 1300

ARTH 22400 History of Western Art from 1300

MTH 14100 Basic Statistics or MTH 14200 Quantitative Methods for Business

No duplication of coursework allowed.

*Updated after publishing - July addendum 07/01/2020***

MASS COMMUNICATIONS, BA

48 credit hours - no emphasis

Requirements

AAD 10050	Introduction to Web Design
AAD 12000	Digital Foundations
AAD 32500	Desktop Publishing
COM 10800	Mass Communications Seminar
COM 11000	Fundamentals of Oral Communication
COM 24200	Basic Reporting
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 40100	Mass Communications Law

COM 46010 Mass Communications Theory and Ethics
 Mass Communication majors must enroll in COM 10800 Mass Communications Seminar (0) every semester with the exception of the semester in which they are taking an internship.

One of the following courses:

COM 15100 Radio Production
 COM 15200 Podcasting Production
 On ground students must take COM 15100.

One of the following courses:

AAD 14000 Visual Storytelling
 COM 15400 Video Production
 On ground students must take COM 15400.

Activity/Experiential Courses (Six credit hours)

AMC 44444 Internship
 COM 30101 Applied Mass Communication-Radio
 COM 30121 Applied Mass Communication-Radio I
 COM 30122 Applied Mass Communication-Radio II
 COM 30123 Applied Mass Communication-Radio III
 COM 30102 Applied Mass Communication-Video
 COM 30131 Applied Mass Communication-Video I
 COM 30132 Applied Mass Communication-Video II
 COM 30133 Applied Mass Communication-Video III

Electives (Nine credit hours - no emphasis)

AAD 11600 Drag and Drop Web Design
 AAD 18101 Digital Photography I
 AAD 20300 Adobe Certification in Photoshop
 AAD 20400 Adobe Certification in Illustrator
 AAD 21000 User Interface/User Experience
 AAD 25000 Typography I
 AAD 30100 Print Design and Production
 AAD 30600 Imaging and Illustration

AAD 32500 Desktop Publishing
 AAD 35001 Digital Photography II
 AAD 35500 Branding
 AAD 36100 Web Design - User Experience I
 AAD 36200 Web Design - User Experience II
 AAD 36300 Web Design - User Experience III
 ASC 22800 Fundamentals of Public Relations
 ASC 24500 Fundamentals of Advertising
 ASC 25000 Research and Consumer Behavior
 ASC 33500 Media Planning and Buying

ASC 33900 Effective Messaging in Public Relations
 ASC 34200 Advertising Copywriting
 ASC 36300 Creative Advertising Concepts
 ASC 42700 Advertising Campaign Management
 ASC 44000 Public Relations Plan Management
 COM 11500 Sportscasting
 COM 22500 Photojournalism
 COM 30600 Advanced Reporting
 COM 32700 Media Literacy
 COM 34000 Television Sports Production I
 COM 34600 Television Fine Arts Production I
 COM 35400 Producing for Film and Video
 COM 37100-37199 Topics in Production
 COM 37300-37399 Topics in Producing
 COM 37500-37599 Topics in Media Studies
 COM 38300 Television News Reporting
 DCS 10000 History of Contemporary Media Industries
 DCS 20000 Digital Content and Demographics
 DCS 25000 Digital Content Strategy Practicum I
 DCS 30000 Media Literacy Theory
 DCS 35000 Personal Branding and Content Creation
 DCS 36000 Information Literacy
 DCS 37000 Digital Content Strategy Practicum II
 DCS 38700 Emerging Platforms and Analytics
 DCS 40000 Contemporary Audience Analysis
 DCS 45000 Digital Content Strategy Practicum III
 MUS 33030 Music Business I
 Additional elective options in AAD, ASC, COM, DCS, and MUS may be available. Please consult your academic advisor for details.

MASS COMMUNICATIONS, BA BROADCAST EMPHASIS

57 credit hours - core/emphasis courses

21 credit hours - free electives

Requirements

AAD 10050 Introduction to Web Design
 AAD 12000 Digital Foundations
 AAD 32500 Desktop Publishing
 COM 10800 Mass Communications Seminar
 COM 11000 Fundamentals of Oral Communication
 COM 24200 Basic Reporting

COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 40100	Mass Communications Law
COM 46010	Mass Communications Theory and Ethics

Mass Communication majors must enroll in COM 10800 Mass Communications Seminar (0) every semester with the exception of the semester in which they are taking an internship.

One of the following courses:

AAD 14000	Visual Storytelling
COM 15400	Video Production

On ground students must take COM 15400.

One of the following courses:

COM 15100	Radio Production
COM 15200	Podcasting Production

On ground students must take COM 15100.

Activity/Experiential Courses (Six credit hours)

AMC 44444	Internship
COM 30101	Applied Mass Communication-Radio
COM 30121	Applied Mass Communication-Radio I
COM 30122	Applied Mass Communication-Radio II
COM 30123	Applied Mass Communication-Radio III
COM 30102	Applied Mass Communication-Video
COM 30131	Applied Mass Communication-Video I
COM 30132	Applied Mass Communication-Video II
COM 30133	Applied Mass Communication-Video III

Mass Communications Broadcast Emphasis Courses

COM 25600	Television Production
COM 30000	Multiplatform Reporting
COM 30400	Broadcast Newswriting
COM 33333	News Videography
COM 35200	Advanced Audio Production
COM 35700	Editing for Film and Video

Free Electives (21 credit hours)

MASS COMMUNICATIONS, BA JOURNALISM EMPHASIS

60 credit hours - core/emphasis courses

21 credit hours - free electives

Requirements

AAD 10050	Introduction to Web Design
AAD 12000	Digital Foundations
AAD 32500	Desktop Publishing
COM 10800	Mass Communications Seminar
COM 11000	Fundamentals of Oral Communication
COM 24200	Basic Reporting
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 40100	Mass Communications Law
COM 46010	Mass Communications Theory and Ethics

Mass Communication majors must enroll in COM 10800 Mass Communications Seminar (0) every semester with the exception of the semester in which they are taking an internship.

One of the following courses:

AAD 14000	Visual Storytelling
COM 15400	Video Production

On ground students must take COM 15400.

One of the following courses:

COM 15100	Radio Production
COM 15200	Podcasting Production

On ground students must take COM 15100.

Activity Experiential Courses (Six credit hours)

AMC 44444	Internship
COM 30101	Applied Mass Communication-Radio
COM 30121	Applied Mass Communication-Radio I
COM 30122	Applied Mass Communication-Radio II
COM 30123	Applied Mass Communication-Radio III
COM 30102	Applied Mass Communication-Video
COM 30131	Applied Mass Communication-Video I
COM 30132	Applied Mass Communication-Video II
COM 30133	Applied Mass Communication-Video III

Mass Communications Journalism Emphasis Courses

COM 22500	Photojournalism
COM 30000	Multiplatform Reporting
COM 30400	Broadcast Newswriting
COM 30600	Advanced Reporting
COM 33333	News Videography
COM 35300	News Design and Editing
COM 38200	Feature Writing

Free Electives (21 credit hours)

**MASS COMMUNICATIONS, BA MEDIA
ARTS AND PRODUCTION EMPHASIS***57 credit hours - core/emphasis courses**21 credit hours - free electives***Requirements**

AAD 10050	Introduction to Web Design
AAD 12000	Digital Foundations
AAD 32500	Desktop Publishing
COM 10800	Mass Communications Seminar
COM 11000	Fundamentals of Oral Communication
COM 24200	Basic Reporting
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 40100	Mass Communications Law
COM 46010	Mass Communications Theory and Ethics

Mass Communication majors must enroll in COM 10800 Mass Communications Seminar (0) every semester with the exception of the semester in which they are taking an internship.

One of the following courses:

AAD 14000	Visual Storytelling
COM 15400	Video Production

On ground students must take COM 15400.

One of the following courses:

COM 15100	Radio Production
COM 15200	Podcasting Production

On ground students must take COM 15100.

Activity Experiential Courses (Six credit hours)

AMC 44444	Internship
COM 30101	Applied Mass Communication- Radio
COM 30121	Applied Mass Communication- Radio I
COM 30122	Applied Mass Communication- Radio II
COM 30123	Applied Mass Communication- Radio III
COM 30102	Applied Mass Communication- Video
COM 30131	Applied Mass Communication- Video I
COM 30132	Applied Mass Communication- Video II

COM 30133 Applied Mass Communication-
Video IIIMass Communications Media Arts and Production
Emphasis Courses

AAD 18101	Digital Photography I
AAD 30600	Imaging and Illustration
COM 35200	Advanced Audio Production
COM 35400	Producing for Film and Video
COM 35700	Editing for Film and Video

One of the following courses:

AAD 11600	Drag and Drop Web Design
AAD 20300	Adobe Certification in Photoshop
AAD 21000	User Interface/User Experience
AAD 25000	Typography I
AAD 30100	Print Design and Production
AAD 32500	Desktop Publishing
AAD 35001	Digital Photography II
AAD 35500	Branding
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 36300	Web Design - User Experience III
ASC 22800	Fundamentals of Public Relations
ASC 24500	Fundamentals of Advertising
ASC 25000	Research and Consumer Behavior
ASC 33500	Media Planning and Buying
ASC 33900	Effective Messaging in Public Relations
ASC 34200	Advertising Copywriting
ASC 36300	Creative Advertising Concepts
ASC 42700	Advertising Campaign Management
ASC 44000	Public Relations Plan Management
COM 11500	Sportscasting
COM 22500	Photojournalism
COM 30600	Advanced Reporting
COM 32700	Media Literacy
COM 34000	Television Sports Production I
COM 34600	Television Fine Arts Production I
COM 37100- 37199	Topics in Production
COM 37300- 37399	Topics in Producing
COM 37500- 37599	Topics in Media Studies
COM 38300	Television News Reporting
DCS 10000	History of Contemporary Media Industries
DCS 20000	Digital Content and Demographics
DCS 25000	Digital Content Strategy Practicum I
DCS 30000	Media Literacy Theory
DCS 35000	Personal Branding and Content Creation
DCS 36000	Information Literacy

DCS 37000	Digital Content Strategy Practicum II
DCS 38700	Emerging Platforms and Analytics
DCS 40000	Contemporary Audience Analysis
DCS 45000	Digital Content Strategy Practicum III
MUS 33030	Music Business I

Additional elective options in AAD, ASC, COM, and DCS may be available. Please consult your academic advisor for details.

Free Electives (21 credit hours)

MASS COMMUNICATIONS, BA MEDIA MANAGEMENT AND SALES EMPHASIS

60 credit hours - core/emphasis courses

21 credit hours - free electives

Requirements

AAD 10050	Introduction to Web Design
AAD 12000	Digital Foundations
AAD 32500	Desktop Publishing
COM 10800	Mass Communications Seminar
COM 11000	Fundamentals of Oral Communication
COM 24200	Basic Reporting
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 40100	Mass Communications Law
COM 46010	Mass Communications Theory and Ethics

Mass Communication majors must enroll in COM 10800 Mass Communications Seminar (0) every semester with the exception of the semester in which they are taking an internship.

One of the following courses:

AAD 14000	Visual Storytelling
COM 15400	Video Production

On ground students must take COM 15400.

One of the following courses:

COM 15100	Radio Production
COM 15200	Podcasting Production

On ground students must take COM 15100.

Activity Experiential Courses (Six credit hours)

AMC 44444	Internship
COM 30101	Applied Mass Communication-Radio
COM 30121	Applied Mass Communication-Radio I
COM 30122	Applied Mass Communication-Radio II

COM 30123	Applied Mass Communication-Radio III
COM 30102	Applied Mass Communication-Video
COM 30131	Applied Mass Communication-Video I
COM 30132	Applied Mass Communication-Video II
COM 30133	Applied Mass Communication-Video III

Mass Communications Media Management and Sales Emphasis Courses

ASC 33500	Media Planning and Buying
COM 36000	Media Management
ENGL 23000	Professional Communications
MRKT 35010	Principles of Marketing
MRKT 45070	Consumer Behavior

One of the following courses:

DCS 40000	Contemporary Audience Analysis
MRKT 35020	Marketing Information and Research

One of the following courses:

AAD 11600	Drag and Drop Web Design
AAD 18101	Digital Photography I
AAD 20300	Adobe Certification in Photoshop
AAD 20400	Adobe Certification in Illustrator
AAD 21000	User Interface/User Experience
AAD 25000	Typography I
AAD 30100	Print Design and Production
AAD 30600	Imaging and Illustration

AAD 32500	Desktop Publishing
AAD 35001	Digital Photography II
AAD 35500	Branding
AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 36300	Web Design - User Experience III
ASC 22800	Fundamentals of Public Relations
ASC 24500	Fundamentals of Advertising
ASC 33900	Effective Messaging in Public Relations
ASC 34200	Advertising Copywriting
ASC 42700	Advertising Campaign Management
ASC 44000	Public Relations Plan Management
COM 11500	Sportscasting
COM 22500	Photojournalism
COM 30600	Advanced Reporting
COM 32700	Media Literacy
COM 34000	Television Sports Production I
COM 34600	Television Fine Arts Production I
COM 35400	Producing for Film and Video

COM 37100-37199	Topics in Production
COM 37300-37399	Topics in Producing
COM 37500-37599	Topics in Media Studies
COM 38300	Television News Reporting
DCS 10000	History of Contemporary Media Industries
DCS 20000	Digital Content and Demographics
DCS 25000	Digital Content Strategy Practicum I
DCS 30000	Media Literacy Theory
DCS 35000	Personal Branding and Content Creation
DCS 36000	Information Literacy
DCS 37000	Digital Content Strategy Practicum II
DCS 38700	Emerging Platforms and Analytics
DCS 45000	Digital Content Strategy Practicum III
MUS 33030	Music Business I

Additional elective options in AAD, ASC, COM, DCS, and MRKT may be available. Please consult your academic advisor for details.

Free Electives (21 credit hours)

ADVERTISING MINOR

21 credit hours

Requirements

AAD 20300	Adobe Certification in Photoshop
ASC 24500	Fundamentals of Advertising
ASC 33500	Media Planning and Buying
ASC 34200	Advertising Copywriting
ASC 36300	Creative Advertising Concepts
COM 15400	Video Production
MRKT 45070	Consumer Behavior

BROADCAST COMMUNICATIONS MINOR

24 credit hours

Requirements

AAD 10050	Introduction to Web Design
COM 15400	Video Production
COM 24200	Basic Reporting
COM 32700	Media Literacy

One of the following courses:

COM 15100	Radio Production
COM 15200	Podcasting Production

Nine credit hours chosen from the following options:

ASC 22800	Fundamentals of Public Relations
ASC 33500	Media Planning and Buying
COM 15100	Radio Production
COM 25600	Television Production
COM 30210	Career and Portfolio Seminar
COM 30700	Writing for Visual Media
COM 35200	Advanced Audio Production
COM 36000	Media Management
COM 40100	Mass Communications Law

Duplication of coursework is not allowed.

BROADCAST NEWS MINOR

21 credit hours

Requirements

COM 15400	Video Production
COM 24200	Basic Reporting
COM 30000	Multiplatform Reporting
COM 30400	Broadcast Newswriting
COM 33333	News Videography
COM 40100	Mass Communications Law

One of the following courses:

COM 15100	Radio Production
COM 15200	Podcasting Production

CINEMA ARTS MINOR

21 credit hours

Requirements

COM 14000	Introduction to Cinema Arts
COM 15400	Video Production
COM 37000	History of World Cinema

Communication Electives:

Six credit hours from the following courses with a COM prefix (two courses):

COM 25600	Television Production
COM 30700	Writing for Visual Media
COM 35400	Producing for Film and Video
COM 35700	Editing for Film and Video

Two (six credit hours) from the following courses:

AAD 32200	Motion Graphics
AAD 33600	3D Graphics
COM 37100-37199	Topics in Production
COM 37200-37299	Topics in Post-Production
COM 37300-37399	Topics in Producing
COM 37400-37499	Topics in Scriptwriting

COM 37500-37599	Topics in Media Studies
COM 37600	Asian Cinema

DIGITAL MARKETING MINOR**

18 credit hours

Requirements

Six courses selected from the following:

AAD 12000	Digital Foundations
AAD 18101	Digital Photography I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
COM 32700	Media Literacy
DCS 20000	Digital Content and Demographics
DCS 30000	Media Literacy Theory
DCS 35000	Personal Branding and Content Creation
DCS 36000	Information Literacy
DCS 38700	Emerging Platforms and Analytics
DCS 40000	Contemporary Audience Analysis
MRKT 35010	Principles of Marketing
MRKT 35025	Social Media Marketing
MRKT 35045	Digital Marketing
MTH 14100	Basic Statistics

*Updated after publishing - July addendum 07/01/2020***

JOURNALISM MINOR

18 credit hours

Requirements

Three required courses:

COM 24200	Basic Reporting
COM 30600	Advanced Reporting
COM 40100	Mass Communications Law

Three of the following courses:

AAD 12000	Digital Foundations
COM 22500	Photojournalism
COM 30183	News Lab III
COM 32700	Media Literacy
COM 35300	News Design and Editing
COM 38200	Feature Writing
COM 46010	Mass Communications Theory and Ethics
DCS 35000	Personal Branding and Content Creation
DCS 38700	Emerging Platforms and Analytics

MEDIA LITERACY MINOR

24 credit hours

Requirements

Topics in Media Studies

Six credit hours from the following courses:

COM 27700-27799	Media Literacy Topics
COM 37600	Asian Cinema
COM 37700-37799	Advanced Media Literacy Topics

Media Literacy Electives

Twelve credit hours from the following courses:

AAD 10050	Introduction to Web Design
COM 14000	Introduction to Cinema Arts
COM 22500	Photojournalism
COM 30210	Career and Portfolio Seminar
COM 30700	Writing for Visual Media
COM 32700	Media Literacy
COM 37000	History of World Cinema

Electives

Six credit hours from the following courses:

ANT 11200	Cultural Anthropology
ANT 31700	Social and Cultural Change
ANT 31800/SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
HIST 26100	History of the Contemporary World
HIST 30200	Public History
PHRL 10000	Moral Life
PHRL 30200	Political Philosophy
PS 34500	Campaigns and Elections
SOC 22000	Social Problems

Communications students may not duplicate courses in their majors.

PUBLIC RELATIONS MINOR

21 credit hours

Requirements

ASC 22800	Fundamentals of Public Relations
ASC 33900	Effective Messaging in Public Relations
ASC 44000	Public Relations Plan Management
COM 24200	Basic Reporting
DCS 35000	Personal Branding and Content Creation
DCS 38700	Emerging Platforms and Analytics
MRKT 45070	Consumer Behavior

DIGITAL MARKETING CERTIFICATE**

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

Requirements:

12 credit hours from the following courses:

COM 32700	Media Literacy
DCS 35000	Personal Branding and Content Creation
DCS 36000	Information Literacy
DCS 45000	Digital Content Strategy Practicum III
MRKT 35010	Principles of Marketing
MRKT 35025	Social Media Marketing
MRKT 35045	Digital Marketing

3 credit hours from the following courses:

AMC 44444	Internship
MRKT 45095	Internship

Students can also choose an applied course in the major approved by the dean to satisfy this requirement.

*Updated after publishing - July addendum 07/01/2020***

PROFESSIONAL COMMUNICATIONS CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

Regardless of a student's major field of study, the ability to communicate clearly, persuasively, and effectively in both oral and written form is often a distinguishing characteristic that helps to advance an individual in his or her career. A certificate in Professional Communications combines coursework in communications and marketing to provide students the foundation to deliver concise, clear, and convincing messages to advance ideas in a professional environment.

Requirements

COM 32700	Media Literacy
MRKT 35010	Principles of Marketing

One of the following courses:

COM 30300	Written Communication for Business
ENGL 23000	Professional Communications

One of the following courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

One of the following courses (3 credit hours):

AMC 44444	Internship
MRKT 35040	Advertising and Promotional Strategy
MRKT 45095	Internship

VIRTUAL COMMUNICATIONS CERTIFICATE**

9 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

Requirements

AAD 14200 Video Conferencing
One of the following:

AAD 14000	Visual Storytelling
COM 15400	Video Production

One of the following:

COM 15100	Radio Production
COM 15200	Podcasting Production

*Added after publishing - July addendum 07/01/2020***

Performing Arts

ACTING, BFA

78 credit hours

Requirements

The Bachelor of Fine Arts in Acting requires a minimum grade of C in the following courses:

Theatre Core

27 credit hours

TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I
TA 21000	Stage Management
TA 30400	Script Analysis
TA 30600	Directing
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 48000	Career and Portfolio Seminar

Rehearsal and Production

Six credit hours

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production

Acting Concentration*24 credit hours*

TA 10600	Stage Movement
TA 10800	Stage Voice
TA 20100	Acting II
TA 21600	Stage Make-up
TA 30102	Acting Studio: Audition
TA 30107	Acting Studio: On-Camera
TA 40101	Advanced Acting Studio: Stage Combat
TA 48900	Senior Project

Students choose Option One or Option Two for nine credit hours.

Option One: Emphasis in Stage Acting

TA 30105	Acting Studio: Improvisation
TA 40103	Advanced Acting Studio: Meisner
TA 40105	Advanced Acting Studio: Shakespeare

Option Two: Emphasis in Acting for TV and Film

COM 15400	Video Production
COM 35400	Producing for Film and Video
TA 40104	Advanced Acting Studio: On-Camera II

Theatre Electives

The Bachelor of Fine Arts in Acting also requires the following:

- 12 credit hours of TA elective courses.

DANCE, BA*66 credit hours***Requirements**

The Bachelor of Arts in dance requires a minimum grade of C in the following courses:

Orientation

DAN 17000	First Year Seminar in Dance
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Ballet

Eight credit hours of Ballet:

DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level

Contemporary

Eight credit hours of Contemporary:

DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level

Jazz

Four credit hours of Jazz:

DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level

Tap

Four credit hours of Tap:

DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

Practicum

Four credit hours selected from the following options:

DAN 30300	Dance Performance Practicum
DAN 30350	Dance Composition Practicum
DAN 37500	University Dance Ensemble

Theory and Composition

DAN 20050	Dance Theory and Composition I
DAN 20055	Dance Theory and Composition II
MUS 11400	Class Piano I
TA 11100	Introduction to Technical Theatre I

Pedagogy

DAN 37200	Dance Pedagogy
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Anatomy and Kinesiology

DAN 26000	Anatomy for Dancers
DAN 36000	Dance Kinesiology

History

DAN 17100	Dance as an Art
DAN 27100	Dance History
DAN 37100	Dance in the 21st Century

Note: DAN 17100 and DAN 37100 may be used to satisfy the GE-Human Culture: Foreign Culture/Human Diversity requirements.

Special Topics

Three credit hours selected from the following options:

DAN 19000-19099	Special Topics in Dance
DAN 29000-29099	Special Topics in Dance
DAN 39000-39099	Special Topics in Dance
DAN 49000-49099	Special Topics in Dance

Capstone

DAN 47000	Senior Seminar in Dance
DAN 47200	Senior Project

The Bachelor of Arts in dance also requires the following:

- A three-credit hour ART, ARTH, MUS, or TA course to satisfy the GE-Human Culture: Arts requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

DANCE, BFA

81 credit hours

Requirements

The Bachelor of Fine Arts in dance requires a minimum grade of C in the following courses. Candidates must declare Ballet, Contemporary, or Jazz Dance as a specialization.

Orientation

DAN 17000	First Year Seminar in Dance
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Ballet, Contemporary or Jazz

16 credit hours of specialization (ballet, contemporary, or jazz), 6 credit hours of secondary area (ballet, contemporary, or jazz), and 4 credit hours of third area (ballet, contemporary, or jazz):

DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level

DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level
DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level

Tap

2 credit hours selected from the following options:

DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

Performance Practicum

2 credit hours selected from the following options:

DAN 30300	Dance Performance Practicum
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Ensemble

2 credit hours of University Dance Ensemble:

DAN 37500	University Dance Ensemble
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Theory and Composition

DAN 20050	Dance Theory and Composition I
DAN 20055	Dance Theory and Composition II
MUS 11400	Class Piano I
TA 11100	Introduction to Technical Theatre I

Composition Practicum

2 credit hours:

DAN 30350	Dance Composition Practicum
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Anatomy and Kinesiology

DAN 26000	Anatomy for Dancers
DAN 36000	Dance Kinesiology

History, Technology, and Criticism

DAN 17100	Dance as an Art
DAN 27100	Dance History
DAN 37100	Dance in the 21st Century
DAN 37400	Dance and Technology
DAN 47100	Dance Criticism

Note: DAN 17100 and DAN 37100 may be used to satisfy the GE-Human Culture: Foreign Culture/Human Diversity requirements.

Pedagogy

DAN 37200 Dance Pedagogy

Special Topics

6 credit hours selected from the following options:

DAN 19000-19099 Special Topics in Dance
 DAN 29000-29099 Special Topics in Dance
 DAN 39000-39099 Special Topics in Dance
 DAN 49000-49099 Special Topics in Dance

Capstone

DAN 47000 Senior Seminar in Dance
 DAN 47200 Senior Project

The Bachelor of Fine Arts in dance also requires the following:

- TA 10500 to satisfy the GE-Human Culture: Arts requirement.
- Passing scores on periodic assessments of program-level student learning outcomes.

DIRECTING, BFA*78 credit hours***Requirements**

The Bachelor of Fine Arts in directing requires a minimum grade of C in the following courses:

Theatre Core*27 credit hours*

TA 10100 Acting I
 TA 11100 Introduction to Technical Theatre I
 TA 21000 Stage Management
 TA 30400 Script Analysis
 TA 30600 Directing
 TA 33600 Survey of Dramatic Literature
 TA 37100 History of Theatre I
 TA 37200 History of Theatre II
 TA 48000 Career and Portfolio Seminar

Rehearsal and Production*Six credit hours*

TA 10001 Rehearsal and Production
 TA 10002 Rehearsal and Production
 TA 20001 Rehearsal and Production
 TA 20002 Rehearsal and Production
 TA 30001 Rehearsal and Production
 TA 30002 Rehearsal and Production

Directing Concentration*30 credit hours*

MUS 11800 Music Theory for Non-Majors
 TA 20100 Acting II
 TA 21300 Stagecraft
 TA 22000 Costume Construction
 TA 22200 Lighting and Audio Technology
 TA 30500 Scenography
 TA 35000 Directing II
 TA 40101 Advanced Acting Studio: Stage Combat
 TA 40600 Advanced Directing
 TA 48900 Senior Project

Nine credit hours selected from the following options:

TA 30100-30199 Acting Studio
 TA 40100-40199 Advanced Acting Studio

Theatre Electives

The Bachelor of Fine Arts in directing also requires the following:

- Three credit hours of TA elective courses.
- Three credit hours of general elective courses.

MUSIC, BA*53 credit hours***Requirements**

The Bachelor of Arts in music requires a minimum grade of C in the following major courses:

Private Lessons

Four credit hours of private lessons selected from the following options:

MUS 104XX Private Lessons
 MUS 204XX Private Lessons

Four credit hours of private lessons selected from the following options:

MUS 304XX Private Lessons
 MUS 404XX Private Lessons

Ensemble

Four credit hours of large instrumental or choral ensemble selected from the following options:

MUS 209XX Large Ensemble - Instrumental
 MUS 210XX Large Ensemble - Choral

Seminar

MUS 10101 First Year Seminar in Music

Piano

MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 21600	Piano Proficiency III

One of the following courses:

MUS 32500	Keyboard Techniques
MUS 32900	Jazz Keyboard Techniques

Theory and History

MUS 14100	Music Theory I
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music

Music Electives

Fifteen credit hours of MUS courses numbered 30000-level or above, including nine credit hours of musicianship courses and six credit hours of performance or other music electives.

Capstone

MUS 48800	Senior Recital
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Also required are the following items:

- Enrollment in MUS 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

Music, BA K-12 Education Vocal/Choral Certification Preparation

Students seeking (Grades K-12) certification must (1) earn a bachelor of arts in music and (2) complete the requirements for a minor in education (Grades K-12).

Note that students seeking (Grades K-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. See the requirements in the School of Education section of this catalog. (p. 125)

MUSIC BUSINESS AND ENTREPRENEURSHIP, BA

99 credit hours

Requirements

The Bachelor of Arts in music business and entrepreneurship requires a minimum grade of C in the following courses:

Foundation

ACCT 21010	Principles of Financial Accounting
COM 32700	Media Literacy
DCS 10000	History of Contemporary Media Industries
ECON 23010	Survey of Economics
ENTR 37510	Small Business and Entrepreneurship
MGMT 24000	Introduction to Information Systems
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
MRKT 35010	Principles of Marketing
MUS 10101	First Year Seminar in Music
MUS 10200	Concert/Recital Attendance
MUS 14100	Music Theory I
MUS 15000	Music in America
MUS 15500	Jazz History
MUS 16500	Introduction to Music Literature
MUS 21400	Piano Proficiency I
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32200	Trends and Case Studies in the Music Industry

MUS 32600	Music Entrepreneurship
MUS 33030	Music Business I
MUS 33040	Music Business II
MUS 35700	World Music
MUS 38100	Music Production I
MUS 38200	Music Production II
MUS 42000	Music Marketing

Notes: (1) ECON 23010 may be used to satisfy a GE-SocSci requirement. (2) MUS 35500 and MUS 35600 may be used to satisfy the GE-Human Culture: Foreign Culture/Human Diversity requirements.

Private Lessons

Four credit hours selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons
MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

Ensemble

Four credit hours selected from the following options:

MUS 209XX	Large Ensemble - Instrumental
MUS 210XX	Large Ensemble - Choral
MUS 212XX	Small Ensemble - Instrumental
MUS 213XX	Small Ensemble - Vocal

Electives

Fifteen (15) credit hours of electives chosen from the following options:

COM 15100	Radio Production
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DCS 35000	Personal Branding and Content Creation
DCS 36000	Information Literacy
DCS 38700	Emerging Platforms and Analytics
DCS 40000	Contemporary Audience Analysis
MGMT 36062	Business Law II
MUS 30000-40000	MUS 30000-40000-level course

Capstone

AMC 44444 Internship
Students should take AMC 44444 for at least three credit hours.

The Bachelor of Arts in music also requires the following:

- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of internship.
- Passing scores on periodic assessments of program-level student learning outcomes.

MUSIC PERFORMANCE, BA INSTRUMENTAL EMPHASIS

83 credit hours

Requirements

The Bachelor of Arts music performance-instrumental requires a minimum grade of C in the following courses:

Foundation

MUS 10101	First Year Seminar in Music
MUS 10200	Concert/Recital Attendance
MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 21600	Piano Proficiency III
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 34300	Music Theory III
MUS 34400	Music Theory IV
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
MUS 38000	Instrumental Pedagogy and Literature
MUS 38800	Junior Recital

Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-Human Culture: Foreign Culture/Human Diversity requirements.

Private Lessons

Four credit hours of MUS 104XX

Four credit hours of MUS 204XX

Four credit hours of MUS 304XX

Four credit hours of MUS 404XX

Ensemble

Eight credit hours of large instrumental ensemble:

MUS 209XX Large Ensemble - Instrumental

Eight credit hours of small instrumental ensemble:

MUS 212XX Small Ensemble - Instrumental

Music Electives

10 credit hours of MUS electives numbered 30000-level or above.

Capstone

MUS 48800 Senior Recital

Also required are the following items:

- A three-credit hour ART, ARTH, DAN, or TA course to satisfy the GE-Human Culture: Arts requirement.
- Enrollment in MUS 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

MUSIC PERFORMANCE, BA VOCAL EMPHASIS

83 credit hours

Requirements

The Bachelor of Arts music performance-vocal requires a minimum grade of C in the following courses:

Foundation

MUS 10101	First Year Seminar in Music
MUS 10200	Concert/Recital Attendance
MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 21600	Piano Proficiency III
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 34300	Music Theory III
MUS 34400	Music Theory IV
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
MUS 37601	English Diction
MUS 37602	French Diction
MUS 37603	Italian Diction
MUS 37604	German Diction
MUS 37900	Vocal Pedagogy and Literature

MUS 38800 Junior Recital

Note: MUS 35500 and MUS 35600 may be used to satisfy the GE-Human Culture: Foreign Culture/Human Diversity requirements.

Private Lessons

Four credit hours of MUS 10462

Four credit hours of MUS 20462

Four credit hours of MUS 30462

Four credit hours of MUS 40462

Ensemble

Eight credit hours of small choral ensemble:

MUS 213XX Small Ensemble - Vocal

Eight credit hours of large choral ensemble:

MUS 210XX Large Ensemble - Choral

Music Electives

Six credit hours of MUS electives numbered 30000-level or above.

Capstone

MUS 48800 Senior Recital

Also required are the following items:

- A three-credit hour ART, ARTH, DAN, or TA course to satisfy the GE-Human Culture: Arts requirement.
- Enrollment in MUS 10200 each semester of full-time enrollment.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

MUSICAL THEATRE, BFA

93 credit hours

Requirements

The Bachelor of Fine Arts in musical theatre requires a minimum grade of C in the following courses:

Theatre Core

27 credit hours

TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I
TA 21000	Stage Management
TA 30400	Script Analysis
TA 30600	Directing
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 48000	Career and Portfolio Seminar

Rehearsal and Production

Six credit hours

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production

Musical Theatre Concentration**Theatre**

24 credit hours

TA 10600	Stage Movement
TA 10800	Stage Voice
TA 20100	Acting II
TA 21600	Stage Make-up
TA 30301	Acting the Song I
TA 30302	Acting the Song II
TA 30303	History of the American Musical
TA 48900	Senior Project

Six credit hours selected from the following options:

TA 30100-30199	Acting Studio
TA 40100-40199	Advanced Acting Studio

Music

MUS 11800 Music Theory for Non-Majors

Private Lessons: Voice

Ten credit hours selected from the following options:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice
MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

Private Lessons: Piano

Two credit hours selected from the following options:

MUS 10455	Private Lessons: Piano
MUS 20455	Private Lessons: Piano
MUS 30455	Private Lessons: Piano
MUS 40455	Private Lessons: Piano
MUS 11400	Class Piano I
MUS 11500	Class Piano II

Dance

DAN 23000 Musical Theatre Dance

Ballet

Four credit hours selected from the following options:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level

DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level

Jazz

Four credit hours selected from the following options:

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level

Tap

Two credit hours selected from the following options:

DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

Contemporary

Two credit hours selected from the following options:

DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level

STAGE MANAGEMENT, BFA

78 credit hours

Requirements

The Bachelor of Fine Arts in stage management requires a minimum grade of C in the following courses:

Theatre Core

27 credit hours

TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I

TA 21000	Stage Management
TA 30400	Script Analysis
TA 30600	Directing
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 48000	Career and Portfolio Seminar

Rehearsal and Production

Six credit hours

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production

Stage Management Concentration

33 credit hours

MUS 11800	Music Theory for Non-Majors
TA 21300	Stagecraft
TA 21400	Drafting for Theatre
TA 22000	Costume Construction
TA 22200	Lighting and Audio Technology
TA 30500	Scenography
TA 31400	Stage Management II
TA 40101	Advanced Acting Studio: Stage Combat
TA 41000	Advanced Stage Management
TA 48900	Senior Project

Students must complete six credit hours in TA 41000.

Theatre Electives

The Bachelor of Fine Arts in Stage Management also requires the following:

- 12 credit hours of TA elective courses.

TECHNICAL THEATRE/DESIGN, BFA

75 credit hours

Requirements

The Bachelor of Fine Arts in technical theatre/design requires a minimum grade of C in the following courses:

Theatre Core

24 credit hours

TA 10100	Acting I
TA 21000	Stage Management
TA 30400	Script Analysis
TA 30600	Directing
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II

TA 48000 Career and Portfolio Seminar
Rehearsal and Production

Six credit hours

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production

Technical Theatre/Design Concentration

30 credit hours

TA 21300	Stagecraft
TA 21400	Drafting for Theatre
TA 21500	Drawing and Rendering for Theatre
TA 22000	Costume Construction
TA 22200	Lighting and Audio Technology
TA 32001	Design Studio I
TA 32002	Design Studio II
TA 32003	Design Studio III
TA 32004	Design Studio IV
TA 48900	Senior Project

Three credit hours from one of the following courses:

TA 40700	Advanced Set Design
TA 40800	Advanced Lighting Design
TA 40900	Advanced Costume Design
TA 41100	Advanced Theatre Technology

Electives

The Bachelor of Fine Arts in technical theatre/design also requires the following:

- 12 credit hours of elective courses.

THEATRE, BA

56 credit hours

Requirements

The Bachelor of Arts in theatre requires a minimum grade of C in the following courses:

Theatre Core

27 credit hours

TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I
TA 21000	Stage Management
TA 30400	Script Analysis
TA 30600	Directing
TA 33600	Survey of Dramatic Literature
TA 37100	History of Theatre I
TA 37200	History of Theatre II
TA 48000	Career and Portfolio Seminar

TA 33600, TA 37100, and TA 37200 may also be used as General Education required courses.

Rehearsal and Production

Eight credit hours

TA 10001	Rehearsal and Production
TA 10002	Rehearsal and Production
TA 20001	Rehearsal and Production
TA 20002	Rehearsal and Production
TA 30001	Rehearsal and Production
TA 30002	Rehearsal and Production
TA 40001	Rehearsal and Production
TA 40002	Rehearsal and Production

General Theatre Concentration

15 credit hours

TA 10600	Stage Movement
TA 10800	Stage Voice
TA 20100	Acting II
TA 21600	Stage Make-up
TA 30500	Scenography

Theatre Electives

The Bachelor of Arts in theatre also requires the following:

- Six credit hours of TA elective courses.

DANCE MINOR

22 credit hours

Requirements

The minor in dance requires a minimum grade of C in the following courses:

Ballet

Four credit hours of ballet selected from the following options:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level

Contemporary

Four credit hours of contemporary dance selected from the following options:

DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level

DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level

Jazz

Two credit hours of jazz dance selected from the following options:

DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level

Tap

Two credit hours of tap dance selected from the following options:

DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level

Theory and Composition

Two credit hours of dance theory and composition:

DAN 20050	Dance Theory and Composition I
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History

Three credit hours of dance history:

DAN 17100	Dance as an Art
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Special Topics

Three credit hours of special topics in dance selected from the following options:

DAN 19000-19099	Special Topics in Dance
DAN 29000-29099	Special Topics in Dance
DAN 39000-39099	Special Topics in Dance
DAN 49000-49099	Special Topics in Dance

Practicum

Two credit hours of practicum selected from the following options:

DAN 30300	Dance Performance Practicum
DAN 30350	Dance Composition Practicum
DAN 37500	University Dance Ensemble

DANCE STUDIO MANAGEMENT MINOR

20 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
DAN 37200	Dance Pedagogy
DAN 37250	Dance Studio Management
HFS 16000	First Aid/CPR/Sport Injuries
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing

One of the following courses:

ENTR 37510	Small Business and Entrepreneurship
NPA 20001	Introduction to Nonprofit Organizations and Community Service

JAZZ AND CONTEMPORARY MUSIC MINOR

21-31 credit hours

Bachelor of Arts Music majors - 24 credit hours

Bachelor of Arts Music Business and Entrepreneurship majors - 21 credit hours

Bachelor of Arts Music Performance majors - 31 credit hours

Requirements

A minor in jazz and contemporary music requires a minimum grade of C in the following courses:

MUS 11900	Improvisation
MUS 32900	Jazz Keyboard Techniques
MUS 33030	Music Business I
MUS 34500	Contemporary Harmony
MUS 35800	History and Analysis of Jazz and Contemporary Music
MUS 36600	Jazz and Contemporary Arranging
MUS 38100	Music Production I
MUS 40475	Private Lessons: Jazz and Contemporary Composition
MUS 48800	Senior Recital

One of the following courses:

MUS 20901	Jazz Band
MUS 21221	Instrumental Ensemble: Jazz

Applied Lessons in Jazz and Contemporary Music

Six credit hours selected from the following options:

MUS 10471-10474	Applied Lessons in Jazz and Contemporary Music
MUS 20471-20474	Applied Lessons in Jazz and Contemporary Music

MUS 30471-30474	Applied Lessons in Jazz and Contemporary Music
MUS 40471-40474	Applied Lessons in Jazz and Contemporary Music

Note: Six credit hours required in MUS 104xx-404xx. This is met with lesson requirements in BA Music; BA Music Business needs two additional credits of jazz lesson; BA Music Performance will need six credits of jazz lessons in addition to the 16 classical lessons required.

Recital requires 30 minutes of literature - already present in BA Music; BA Music Business must add outright; BA Music Performance must add a 30 minutes jazz recital in addition to the 60 minute classical recital already required.

MUSIC MINOR

21 credit hours

Requirements

A minor in music requires a minimum grade of C in the following courses:

MUS 14100	Music Theory I
MUS 24200	Music Theory II
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II

Private Lessons

Four credit hours selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons
MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

Ensemble

Three credit hours selected from the following options:

MUS 209XX	Large Ensemble - Instrumental
MUS 210XX	Large Ensemble - Choral
MUS 212XX	Small Ensemble - Instrumental
MUS 213XX	Small Ensemble - Vocal

MUSICAL THEATRE MINOR

This minor program is designed as a supplement to a theatre, dance, or music major. It provides students with experience in music, dance, and acting outside of their major emphasis.

Requirements

Students majoring in vocal performance:

17 credit hours

DAN 23000	Musical Theatre Dance
TA 10001	Rehearsal and Production
TA 10500	Fundamentals of Acting

TA 20100	Acting II
TA 30301	Acting the Song I

Four credit hours from the following:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level
DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level
DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level
DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

Students majoring in dance:

19 credit hours

MUS 11400	Class Piano I
TA 10001	Rehearsal and Production
TA 10500	Fundamentals of Acting
TA 20100	Acting II
TA 30301	Acting the Song I

Seven credit hours from the following:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice
MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

Students majoring in theatre:

22 credit hours

DAN 23000	Musical Theatre Dance
MUS 11400	Class Piano I
MUS 11800	Music Theory for Non-Majors
TA 30301	Acting the Song I

Seven credit hours from the following:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice
MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

Four credit hours from the following:

DAN 10010	Ballet I: Beginning Level
DAN 10011	Ballet I: Intermediate Level
DAN 10012	Ballet I: Advanced Level
DAN 20011	Ballet II: Intermediate Level
DAN 20012	Ballet II: Advanced Level
DAN 30011	Ballet III: Intermediate Level
DAN 30012	Ballet III: Advanced Level
DAN 40012	Ballet IV: Advanced Level
DAN 10020	Contemporary I: Beginning Level
DAN 10021	Contemporary I: Intermediate Level
DAN 10022	Contemporary I: Advanced Level
DAN 20021	Contemporary II: Intermediate Level
DAN 20022	Contemporary II: Advanced Level
DAN 30021	Contemporary III: Intermediate Level
DAN 30022	Contemporary III: Advanced Level
DAN 40022	Contemporary IV: Advanced Level
DAN 10030	Jazz I: Beginning Level
DAN 10031	Jazz I: Intermediate Level
DAN 10032	Jazz I: Advanced Level
DAN 20031	Jazz II: Intermediate Level
DAN 20032	Jazz II: Advanced Level
DAN 30031	Jazz III: Intermediate Level
DAN 30032	Jazz III: Advanced Level
DAN 40032	Jazz IV: Advanced Level
DAN 10040	Tap I: Beginning Level
DAN 10041	Tap I: Intermediate Level
DAN 10042	Tap I: Advanced Level
DAN 20041	Tap II: Intermediate Level
DAN 20042	Tap II: Advanced Level
DAN 30041	Tap III: Intermediate Level
DAN 30042	Tap III: Advanced Level
DAN 40042	Tap IV: Advanced Level

TA 20100	Acting II
TA 30400	Script Analysis
TA 37100	History of Theatre I
TA 37200	History of Theatre II

Elective Coursework

Students must complete nine credit hours of theatre arts elective coursework, selected from among the following options:

AMC 44444	Internship
TA 10600	Stage Movement
TA 10800	Stage Voice
TA 21300	Stagecraft
TA 21600	Stage Make-up
TA 30100-30199	Acting Studio
TA 30301	Acting the Song I
TA 30500	Scenography
TA 30700	Scenic Design
TA 30900	Costume Design
TA 33500	Modern Drama
TA 33600	Survey of Dramatic Literature
TA 35000	Directing II
TA 38800-38899	Special Topics
TA 40100-40199	Advanced Acting Studio
TA 40600	Advanced Directing
TA 40700	Advanced Set Design
TA 40800	Advanced Lighting Design
TA 40900	Advanced Costume Design
TA 41000	Advanced Stage Management
TA 41100	Advanced Theatre Technology
TA 46500	Professional Internship
TA 48000	Career and Portfolio Seminar

THEATRE MINOR

27 credit hours

Requirements

The requirements for the minor in theatre are as follows:

TA 10100	Acting I
TA 11100	Introduction to Technical Theatre I

PLASTER SCHOOL OF BUSINESS AND ENTREPRENEURSHIP

Roger Ellis, JD, Dean

Mission

Set forth below, the mission of the ACBSP-accredited Plaster School of Business & Entrepreneurship complements and expands upon the Lindenwood University mission statement. In furtherance of the University's mission, the Plaster School of Business & Entrepreneurship is committed to:

- Providing a comprehensive core curriculum of business subjects.
- Instilling a strong and enduring sense of ethical business practices.
- Providing theoretical tools and analytical skills for lifelong use.
- Developing the student's communication and presentation skills.
- Offering major fields of study to equip students for specialized careers.
- Providing opportunities to supplement classroom education with real world experience.
- Expanding the student's geographical and cultural horizons for success in an increasingly global economy.
- Instilling the entrepreneurial model as an essential component of American free enterprise.
- Fostering the scholarship of teaching, application, integration, and discovery among its students and faculty, as appropriate.

The Plaster School of Business & Entrepreneurship is comprised of the following departments and offers the following degree programs of study and minors in each department:

Accounting Department

- Accounting, BA
- Accounting, BA Online
- Accounting, BS
- Accounting, BS Online
- Accounting Minor
- Accounting Minor Online

Business Administration Department

- Business Administration, BA
- Business Administration, BA Online
- Business Administration, BS

- Business Administration, BS Online
- Business Administration Minor
- Business Administration Minor Online

Economics Department

- Business Economics, BA
- Business Economics, BS
- Economics Minor

Entrepreneurial Studies Department

- Entrepreneurial Studies, BA
- Entrepreneurial Studies, BS
- Entrepreneurial Studies Minor

Finance Department

- Finance, BA
- Finance, BA Online
- Finance, BS
- Finance, BS Online
- Finance Minor
- Finance Minor Online

Health Management Department

- Health Management, BS
- Health Management, BS Online
- Health Management Minor
- Health Management Minor Online
- Gerontology Minor
- Gerontology Minor Online

Human Resource Management Department

- Human Resource Management, BA
- Human Resource Management, BA Online
- Human Resource Management Minor
- Human Resource Management Minor Online

International Business Department

- International Business Minor

Management Department

- Management, BA
- Management, BA Online
- Management, BS

- Management, BS Online
- Management Minor
- Management Minor Online
- Supply Chain Management Minor

Marketing Department

- Marketing, BA
- Marketing, BA Online
- Marketing, BS
- Marketing, BS Online
- Marketing Minor
- Marketing Minor Online
- Marketing Certificate

Nonprofit Administration Department

- Nonprofit Administration Minor

Sport Management Department

- Sport Management, BA
- Sport Management, BA Online
- Sport Management Minor
- Sport Management Minor Online

INTRODUCTION

Graduate Outcomes

The Plaster School of Business & Entrepreneurship provides instruction, knowledge, and experience in an environment that encourages students to develop motivation and the ethical standards essential to becoming citizens in the global business community. The Lindenwood University Plaster School of Business & Entrepreneurship expects that its graduates should

- Have the contemporary business competencies of their chosen discipline and the aptitude required for life-long learning and personal development.
- Have the technical, human, and conceptual skills that would contribute to critical analysis, problem solving, operational recommendations, and continuous improvement of dynamic and changing organizations and the ability to professionally communicate those recommendations and improvements.
- Demonstrate the entrepreneurial spirit of being enterprising, resourceful, and productive in their professional lives.
- Be able to act and build upon the foundation of their coursework for the furtherance of their professional careers.

Business Administration with an Emphasis

Students pursuing a BA or BS in business administration may also opt to pursue an additional area of emphasis. An emphasis is earned when 12 credit hours of the student's elective coursework (out of the 21 elective credit hours required for a degree in business administration) are completed from within a single business discipline.

Emphases are offered in the following business areas:

- Accounting*
- Economics
- Entrepreneurial Studies
- Finance*
- Health Management*
- Human Resource Management
- International Business
- Management*
- Marketing*
- Nonprofit Administration
- Sport Management*
- Supply Chain Management*

*Emphasis is available online.

Minors for Business Majors

Students of business degrees may pursue a minor beyond their first PSB&E major. A minor is earned when the student has completed an additional 12-15 credit hours of coursework in the minor area (as dictated per minor) in addition to completing all degree requirements for the student's first major. Note that each required major course will satisfy the requirements for only one of the student's majors, minors, or emphasis areas. Minors for business students may be earned in one of the following business areas:

- Accounting
- Economics
- Entrepreneurial Studies
- Finance
- Gerontology
- Health Management
- Human Resource Management
- International Business
- Management
- Marketing
- Nonprofit Administration

- Sport Management
- Supply Chain Management

Minors for Non-Business Majors

Students pursuing undergraduate majors in fields other than those offered by the PSB&E may declare a minor in one of the following business areas by completing 21-30 credit hours of coursework (as dictated per minor) in one of the following business areas:

- Accounting
- Business Administration
- Economics
- Entrepreneurial Studies
- Finance
- Gerontology
- Health Management
- Human Resource Management
- International Business
- Management
- Marketing
- Nonprofit Administration
- Sport Management
- Supply Chain Management

Selecting a Double Major

Students may pursue a major beyond their first PSB&E major. A second major is earned when the student has completed (in addition to the core business courses) all required major courses and elective major courses for the second major. Note that each required major course and elective major course the student completes will satisfy the requirements for only one of the student's declared majors.

Transferring Credit from another Institution

The Plaster School of Business & Entrepreneurship accepts credit in transfer from other regionally accredited institutions except for in the following cases: (1) No grade of D will be accepted in transfer for classes equivalent to ENGL/EPP 15000 or ENGL 17000, which must be transferred with a grade of a C or better. (2) Courses in which a grade of D was earned may not be applied to any business major, minor, or emphasis area (including prerequisite courses for the major, minor, or emphasis). The transferred grade of D may instead be counted for credit toward other general education or free elective requirements. Alternatively, the student may retake the course in question to apply it to a business major, minor, or emphasis area. (In this case, the transferred course credit will be removed from the transcript.)

Early Access to PSB&E Graduate Programs

Full-time PSB&E students maintaining an undergraduate GPA of 3.0 or higher may take up to nine credit hours of graduate level PSB&E coursework during their senior year, taking no more than six graduate credit hours concurrently. Such graduate credit hours will count toward a graduate degree and not toward the bachelor's degree. Students in the early access program must maintain a GPA of 3.0 or higher in all graduate level courses.

Notes: (1) Early access students enrolled in graduate coursework must also be concurrently enrolled in a minimum of 12 undergraduate credit hours during the semester in which any graduate courses are taken.

(2) Any student whose enrollment exceeds 18 credit hours per semester (including both graduate and undergraduate courses) will be subject to the university overload fee.

Course Formats and Schedules

The Plaster School of Business & Entrepreneurship offers many of its undergraduate courses in two formats: (1) the traditional face-to-face format, taught on campus through weekly course meetings and (2) a web-based, online format, conducted asynchronously, (i.e. without fixed course meetings), requiring students to participate independently multiple times throughout each week. Currently being offered online are the school's core business courses (required for completion of all business degrees), core marketing courses and a selection of business elective courses, the combination of which will permit a student to complete a Bachelor of Arts in Business Administration or Marketing online if desired. (See the descriptions of the business administration and marketing degrees for more information.)

Notes: (1) Traditional courses are offered on a semester schedule, with the fall semester beginning in August, and the spring semester beginning in January. Online courses are eight weeks in length, with two online terms fitting within each traditional semester, one beginning at the start of the semester and the other beginning at the mid-point of the semester. Both traditional and online courses are also offered during the summer.

Internship Eligibility Requirements

Plaster School of Business & Entrepreneurship recognizes the value of student internships within their academic discipline. Students should consider the contribution that an internship can make in their education and starting their working careers. The school strongly recommends that students consider taking one internship during their junior or senior year. Students may include three credit hours at the 40000-level internship as credit towards the hours required in their major elective courses. Students may include additional internship credit hours as credit towards their free elective hours.

Undergraduate students must have completed the equivalent of four full semesters (60 credit hours) with a

minimum of 12 credit hours of core courses in the Plaster School of Business & Entrepreneurship degree program. A cumulative grade point average of 2.5 overall and a cumulative grade point average of 3.0 in all required degree courses.

Degree and Major Requirements

To earn a Bachelor of Arts or Bachelor of Science in any business discipline, students must complete the following requirements:

- GE business courses (15-17 credit hours, required for all majors)
- Core business courses (36 credit hours, required for all majors)
- Required major courses (credit hours vary by major)
- Elective major courses (credit hours vary by major; courses are selected from among a list of courses available in the major*).

** Elective courses at or above the 30000-level may require prerequisites.*

GENERAL EDUCATION BUSINESS REQUIREMENTS

To earn a Bachelor of Arts or Bachelor of Science in any business discipline, students must complete the following requirements:

- GE business courses (15-17 credit hours, required for all majors).
- Core business courses (36 credit hours, required for all majors).
- Required major courses (credit hours vary by major).
- Elective major courses (credit hours vary by major; courses are selected from among a list of courses available in the major*).

** Elective courses at or above the 30000-level may require prerequisites.*

Requirements

To earn a degree in a business discipline, students must complete, with a grade of C or better, 15-17 credit hours of coursework towards the general education requirements.

General Education Requirements for PSB&E		
Requirement	Course	Enrollment Eligibility Requirements
Complete the following (GE-SocSci) course:	ECON 23020	MTH 14100 or MTH 14200 or higher math course with a C or better.
Complete the following (GE-SocSci) course:	ECON 23030	MTH 14100 or MTH 14200 or higher math course with a C or better.
Complete a PSB&E approved (GE-Comm) Communication course:	COM 10200, COM 10500, COM 11000, or SW 20000	
Select either of the following (GE-Math) courses:	MTH 14100 or MTH 24100	MTH 14100: Prerequisite: MTH 05100 or MTH 11000 with a C or better; or passing the placement test. MTH 24100: Prerequisite: MTH 15100 with a C or better; or passing the placement test.
Select one of the following seven (GE-Math) courses :(*MTH 14200 will not prepare students for higher level calculus courses).	MTH 14200*	MTH 14200: Prerequisite: MTH 05100 or MTH 11000 with a C or better; or passing the placement test.
	MTH 15100	MTH 15100: Prerequisite: MTH 11000 with a C or better; or passing the placement test.
	MTH 15200, MTH 17300 (4), MTH 17500	MTH 15200, MTH 17300: Prerequisite: MTH 15100 with a C or better; or passing the placement test. MTH

	(4), MTH 27100 (5),	17500: Prerequisite: MTH 14200 or MTH 15100 with a C or better; or passing the placement test. MTH 27100: Prerequisite: MTH 15200 with a C or better; or passing the placement test
	MTH 27200 (5)	MTH 27200: Prerequisite: MTH 27100 with a C or better.

Note: Refer to the general education requirements section of this catalog for more information.

CORE BUSINESS REQUIREMENTS

36 credit hours

Requirements

Courses

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
FIN 32000	Principles of Finance
INTL 38000/MGMT 36000	Global Business and Society
MGMT 16025	Introduction to Business and Free Enterprise
MGMT 24000	Introduction to Information Systems
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
MGMT 36033	Business Analytics I
MGMT 46082	Management Policy
MRKT 35010	Principles of Marketing

Plus one of the HRM courses below

HRM 36510	Human Resource Management
MGMT 36050	Organizational Behavior

Students pursuing a Bachelor of Arts in Human Resource Management will take both of these courses.

MGMT 16025 (Business Environment and First Year Seminar) is waived if the student has nine or more credit hours in business coursework when entering the program.

MGMT 46082 (Management Policy) is the capstone course, which is to be taken during the student's last semester of the business program.

SPMGT 47080 (Sport Management Policy) is the capstone course for students pursuing a BA in Sport Management.

Accounting Department

Steve Coleman, JD, Chair

Students pursuing a degree in accounting will acquire both theoretical and practical accounting skills. The accounting degree allows students the flexibility to choose, upon graduation, to enter private industry or to meet the accounting and business credit requirements necessary in order to sit for the Uniform CPA exam. Accounting students aspiring to become CPAs will be required to complete a total of 150 college credit hours to meet the Uniform CPA Exam Qualifications. Students wishing to meet these requirements should consult with a faculty advisor to discuss such plans.

ACCOUNTING, BA

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Seven required major courses (21 credit hours)

ACCT 31012	Accounting Cycle Analyses
ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 31040	Accounting Information Systems
ACCT 41030	Introduction to Cost Accounting
ACCT 41050	Income Tax
ACCT 41080	Auditing

Elective requirement (6 credit hours):

ACCT 31041	Excel for Accounting
ACCT 39000-39999	Special Topics in Accounting
ACCT 41055	Income Tax-Corporate
ACCT 41060	Governmental and Nonprofit Accounting
ACCT 41065	Introduction to International Accounting
ACCT 41070	Financial Statement Analysis

ACCT 41095	Internship
ACCT 41096	Internship II
ACCT 49000-49999	Special Topics in Accounting
MGMT 36062	Business Law II
MGMT 46033	Business Analytics II

ACCOUNTING, BS

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

(p. 42) General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Seven required major courses (21 credit hours)

ACCT 31012	Accounting Cycle Analyses
ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 31040	Accounting Information Systems
ACCT 41030	Introduction to Cost Accounting
ACCT 41050	Income Tax
ACCT 41080	Auditing

Elective requirement (6 credit hours):

ACCT 31041	Excel for Accounting
ACCT 39000-39999	Special Topics in Accounting
ACCT 41055	Income Tax-Corporate
ACCT 41060	Governmental and Nonprofit Accounting
ACCT 41065	Introduction to International Accounting
ACCT 41070	Financial Statement Analysis
ACCT 41095	Internship
ACCT 41096	Internship II
ACCT 49000-49999	Special Topics in Accounting
MGMT 36062	Business Law II
MGMT 46033	Business Analytics II

ACCOUNTING MINOR

27 credit hours

Requirements

General Education Courses

ECON 23020	Principles of Microeconomics
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PSB&E Courses

ACCT 21010	Principles of Financial Accounting
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ACCT 21011	Principles of Managerial Accounting
ACCT 31012	Accounting Cycle Analyses
ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
MGMT 24000	Introduction to Information Systems

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following courses:

ACCT 31040	Accounting Information Systems
ACCT 41050	Income Tax

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

ACCOUNTING EMPHASIS

12 credit hours

Requirements

Students pursuing a BA or BS in business administration may earn an emphasis in accounting by completing 12 of their 21-24 credit hours of elective coursework in accounting.

Core Accounting Emphasis Courses:

ACCT 31012	Accounting Cycle Analyses
ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II

One of the following courses:

ACCT 31041	Excel for Accounting
ACCT 41050	Income Tax

Business Administration Department

Michael Marzano, DMgt, Interim Chair

Students may obtain a Bachelor of Arts or Bachelor of Science in business administration, and, if desired, they may customize their business administration degree by adding an emphasis in a particular area of study.

A Bachelor of Arts in business administration may be earned traditionally or online. The online degree may be earned by completing online both (1) all core business courses and (2) the seven elective courses currently offered online. Alternatively, to complete the degree, students may instead opt to select any seven elective courses from among the online and traditionally offered business

elective courses at or above the 30000-level, including no more than one special topics and/or internship course.

Note that if a student wishes to complete an emphasis area, some emphasis area elective coursework must be completed on campus, as an emphasis requires a minimum of 12 credit hours from within a single business discipline.

BUSINESS ADMINISTRATION, BA

75-77 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Required Major Course

MGMT 36043 Principles of Operations
Management

Elective requirement (21 credit hours):

Courses are selected from any business course at or above the 30000-level, including no more than one special topics and/or internship course. Students pursuing an emphasis area will complete 12 credit hours of elective coursework from within one business discipline.

BUSINESS ADMINISTRATION, BS

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Required Major Course

MGMT 36043 Principles of Operations
Management

Elective requirement (24 credit hours):

Courses are selected from any business course at or above the 30000-level, including no more than one special topics and/or internship course. Students pursuing an emphasis area will complete 12 credit hours of elective coursework from within one business discipline.

BUSINESS ADMINISTRATION MINOR

24 credit hours

Requirements

Students from majors outside of the Plaster School of Business & Entrepreneurship may earn a minor in business administration by completing the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
FIN 32000	Principles of Finance
HRM 36510	Human Resource Management
MGMT 26032	Principles of Management
MGMT 36043	Principles of Operations Management

MRKT 35010 Principles of Marketing
One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

Prerequisite coursework may be required prior to enrollment in minor courses.

Economics Department

Michael Mathea, MA, Chair

An economics degree provides students with a solid grounding in economic theory, along with training in applied econometrics. In addition to their specialized training, economics students will receive a well-rounded business education that will prepare them for a wide array of careers in business. Many employers place high value on employees with quantitative skills. Economics training is also excellent preparation for graduate coursework in business, law, or the social sciences.

BUSINESS ECONOMICS, BA

72-74 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Two required major courses (6 credit hours)

ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics

One course from the following (3 credit hours):

ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 49000-49999	Special Topics in Economics

Elective Requirement (12 credit hours):

ECON 33025	Money and Banking
ECON 33037	Current Economic and Social Policy
ECON 33051	U.S. Economic History
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism
ECON 39000-39999	Special Topics in Economics
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 43078	Econometrics
ECON 43095	Internship
ECON 49000-49999	Special Topics in Economics
INTL 48040/ECON 43040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

No duplication of coursework allowed.

BUSINESS ECONOMICS, BS

75-77 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Three required major courses (9 credit hours)

ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 43078	Econometrics

One course from the following (3 credit hours):

ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 49000-49999	Special Topics in Economics

Elective Requirement (12 credit hours):

ECON 33025	Money and Banking
ECON 33037	Current Economic and Social Policy
ECON 33051	U.S. Economic History
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism

ECON 39000-39999	Special Topics in Economics
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 43078	Econometrics
ECON 43095	Internship
ECON 49000-49999	Special Topics in Economics
INTL48040/ECON 43040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

No duplication of coursework allowed.

ECONOMICS MINOR

21 credit hours

Requirements

ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Two courses from the following (6 credit hours):

ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33037	Current Economic and Social Policy
ECON 33051	U.S. Economic History
ECON 33055	Economics and the Environment
ECON 33060	History of Economic Thought
ECON 33065	Seminar in Economic Federalism
ECON 43010	Labor Economics
ECON 43020	Public Economics
ECON 43030	Urban and Regional Economics
ECON 43078	Econometrics
INTL 48040/ECON 43040	International Economics
MGMT 38900	Game Theory
SPMGT 33000	Sport Economics

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

ECONOMICS EMPHASIS

12 credit hours

Requirements

Students pursuing a BA or BS in business administration may earn an emphasis in economics by completing 12 of their 21-24 credit hours of elective coursework in economics.

Core Economics Emphasis Course

All Economics emphasis students must take:

ECON 33045 Intermediate Macroeconomics

Three courses from the following (nine credit hours):

ECON 33020 Managerial Economics

ECON 33025 Money and Banking

ECON 33037 Current Economic and Social Policy

ECON 33040 Intermediate Microeconomics

ECON 33051 U.S. Economic History

ECON 33055 Economics and the Environment

ECON 33060 History of Economic Thought

ECON 33065 Seminar in Economic Federalism

ECON 43010 Labor Economics

ECON 43020 Public Economics

ECON 43030 Urban and Regional Economics

ECON 43078 Econometrics

INTL International Economics

48040/ECON
43040

MGMT 38900 Game Theory

SPMGT 33000 Sport Economics

Entrepreneurial Studies Department

Robert Allen, DBA, Chair

Students pursuing a degree in entrepreneurial studies will acquire skills needed to develop, assess and launch a new business venture or to reinvigorate an existing business.

The entrepreneurial student receives a well-rounded business education, as well as, specialized coursework in developing, financing, marketing and operating their own business venture. Entrepreneurial studies provide students with practical knowledge for creating business plans to start and to manage their own businesses enterprises.

ENTREPRENEURIAL STUDIES, BA

75-77 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Seven required major courses (21 credit hours)

ACCT 41070 Financial Statement Analysis
ENTR 37510 Small Business and
Entrepreneurship

ENTR 47510 Financing Business Ventures
ENTR 47515 Case Studies in Entrepreneurship
ENTR 47520 New Venture Initiation
MGMT 36043 Principles of Operations
Management

MRKT 35020 Marketing Information and
Research

Elective Requirement (3 credit hours):

ENTR 39000-39999 Special Topics in Entrepreneurial
Studies

ENTR 47595 Internship

ENTR 49000-49999 Special Topics in Entrepreneurial
Studies

FIN 32030 Consumer Finance

FIN 32040 Risk and Insurance

INTL International Marketing

48010/MRKT
35015

INTL International Finance

48020/FIN

32015

INTL International Management

48032/MGMT
36010

MGMT 36042 Principles of Supply Chain
Management

MGMT 36062 Business Law II

MGMT 46033 Business Analytics II

MGMT 46040 Project Management

MRKT 35030 Pricing Strategy and Negotiations

MRKT 35040 Advertising and Promotional
Strategy

MRKT 35050 Selling

MRKT 35060 Product Management

MRKT 45060 Marketing Communications

MRKT 45070 Consumer Behavior

ENTREPRENEURIAL STUDIES, BS

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Seven required major courses (21 credit hours)

ACCT 41070 Financial Statement Analysis

ENTR 37510	Small Business and Entrepreneurship
ENTR 47510	Financing Business Ventures
ENTR 47515	Case Studies in Entrepreneurship
ENTR 47520	New Venture Initiation
MGMT 36043	Principles of Operations Management
MRKT 35020	Marketing Information and Research

Elective Requirement (6 credit hours):

ENTR 39000-39999	Special Topics in Entrepreneurial Studies
ENTR 47595	Internship
ENTR 49000-49999	Special Topics in Entrepreneurial Studies
FIN 32030	Consumer Finance
FIN 32040	Risk and Insurance
INTL 48010/MRKT 35015	International Marketing
INTL 48020/FIN 32015	International Finance
INTL 48032/MGMT 36010	International Management
MGMT 36042	Principles of Supply Chain Management
MGMT 36062	Business Law II
MGMT 46033	Business Analytics II
MGMT 46040	Project Management
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 35060	Product Management
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior

ENTREPRENEURIAL STUDIES MINOR

30 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ENTR 37510	Small Business and Entrepreneurship
ENTR 47510	Financing Business Ventures
ENTR 47515	Case Studies in Entrepreneurship
ENTR 47520	New Venture Initiation
FIN 32000	Principles of Finance
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

ENTREPRENEURIAL STUDIES EMPHASIS

12 credit hours

Requirements

Students pursuing a BA or BS in business administration may earn an emphasis in entrepreneurial studies by completing 12 of their 21-24 credit hours of elective coursework in entrepreneurial studies.

ENTR 37510	Small Business and Entrepreneurship
ENTR 47510	Financing Business Ventures
ENTR 47515	Case Studies in Entrepreneurship
ENTR 47520	New Venture Initiation

Finance Department

Javeria Farooqi, PhD, Chair

FINANCE, BA

75-77 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Four required major courses (12 credit hours)

FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32050	Financial Institutions and Markets
FIN 42080	Seminar in Finance

Elective Requirement (12 credit hours):

ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 41050	Income Tax
ACCT 41070	Financial Statement Analysis
ECON 33025	Money and Banking
ECON 43078	Econometrics
ENTR 47510	Financing Business Ventures
FIN 32030	Consumer Finance
FIN 32035	Retirement Planning
FIN 32036	Estate Planning

FIN 32040	Risk and Insurance
FIN 39000-39999	Special Topics in Finance
FIN 42010	Corporate Finance II
FIN 42020	Investments II
FIN 42040	Investment Applications
FIN 42095	Internship
FIN 49000-49999	Special Topics in Finance
INTL 48020/FIN 32015	International Finance
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics

FINANCE, BS

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Four required major courses (12 credit hours)

FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32050	Financial Institutions and Markets
FIN 42080	Seminar in Finance

Elective Requirement (15 credit hours):

ACCT 31020	Financial Accounting and Reporting I
ACCT 31021	Financial Accounting and Reporting II
ACCT 41050	Income Tax
ACCT 41070	Financial Statement Analysis
ECON 33025	Money and Banking
ECON 43078	Econometrics
ENTR 47510	Financing Business Ventures
FIN 32030	Consumer Finance
FIN 32035	Retirement Planning
FIN 32036	Estate Planning
FIN 32040	Risk and Insurance
FIN 39000-39999	Special Topics in Finance
FIN 42010	Corporate Finance II
FIN 42020	Investments II
FIN 42040	Investment Applications
FIN 42095	Internship
FIN 49000-49999	Special Topics in Finance

INTL 48020/FIN 32015	International Finance
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics

FINANCE MINOR

27 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32050	Financial Institutions and Markets

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following courses:

ENTR 47510	Financing Business Ventures
FIN 32030	Consumer Finance
FIN 32035	Retirement Planning
FIN 32036	Estate Planning
FIN 32040	Risk and Insurance
FIN 42010	Corporate Finance II
FIN 42020	Investments II
FIN 49000-49999	Special Topics in Finance

INTL 48020/FIN 32015	International Finance
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Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

FINANCE EMPHASIS

12 credit hours

Requirements

Students pursuing a BA or BS in business administration may earn an emphasis in finance by completing 12 of their 21-24 credit hours of elective coursework in finance.

Core Finance Emphasis Course

FIN 32010	Corporate Finance I
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Three courses from the following (9 credit hours):

FIN 32020	Investments I
FIN 32030	Consumer Finance

FIN 32035	Retirement Planning
FIN 32036	Estate Planning
FIN 32040	Risk and Insurance
FIN 32050	Financial Institutions and Markets
FIN 42010	Corporate Finance II
FIN 42020	Investments II
FIN 49000-49999	Special Topics in Finance
INTL 48020/FIN 32015	International Finance

Health Management Department

HEALTH MANAGEMENT, BS

75-77 credit hours

Requirements

A degree in health management requires the completion of the following courses:

Core business and GE business courses (51-53 credit hours)

(p. 42) General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Eight required major courses (24 credit hours)

HM 30100	Ethical Issues in Healthcare Management
HM 30200	Healthcare Management
HM 31010	Healthcare Financial Management
HM 32000	Healthcare Finance and Economics
HM 33300	Legal Issues in Healthcare
HM 46000	Healthcare Delivery, Policy and Research
HM 48700	Contemporary and Critical Issues in Healthcare Management
HM 48900	Health Management Capstone

HEALTH MANAGEMENT MINOR

30 credit hours

Requirements

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Required Courses

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
FIN 32000	Principles of Finance

HM 30200	Healthcare Management
HM 32000	Healthcare Finance and Economics
HM 33300	Legal Issues in Healthcare
HM 46000	Healthcare Delivery, Policy and Research
MGMT 26032	Principles of Management
MGMT 26061	Business Law I

HEALTH MANAGEMENT EMPHASIS

12 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in health management by completing 12 of their 21-24 credit hours of elective coursework in health management.

Requirements

HM 30200	Healthcare Management
HM 32000	Healthcare Finance and Economics
HM 33300	Legal Issues in Healthcare
HM 46000	Healthcare Delivery, Policy and Research

GERONTOLOGY MINOR

21 credit hours

Requirements

HM 30200	Healthcare Management
HM 44000	Long-Term Care and Ethics
HM 44100	Social Policy in Gerontology
HM 44200	Multi-disciplinary Perspective in Gerontology
HM 44300	Geriatric Assessment
HM 44400	Community Resources for Gerontology
MGMT 26032	Principles of Management

Human Resource Management Department

Evelyn Hendrix, PsyD, Chair

The Bachelor of Arts in human resource management prepares students for a career in a field with increasing opportunities. Recognizing the projected continuing high demand for knowledgeable skilled HR professionals, Lindenwood University was the first university in Missouri to earn the national Society for Human Resource Management (SHRM) Alignment Honor. This prestigious and distinctive honor is maintained with HRM course topics that are current, thorough, and taught with practical applications for a variety of employment settings. Students earning the HRM degree can become knowledgeable in key aspects of recruiting, hiring, talent management, performance management, HR metrics, compensation,

employee benefits, employee training, learning development, employment law, labor relations, and executive practices leading employees. The HRM faculty provide real-life situational experiences acquired from HR leadership roles in service industries, government, non-profit organizations, and manufacturing. Lindenwood offers a major, minor, and an emphasis in HRM.

HUMAN RESOURCE MANAGEMENT, BA

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Seven required major courses (21 credit hours)

HRM 36510	Human Resource Management
HRM 36530	Employee Training and Development
HRM 36540	Employment Law
HRM 36545	Employee Selection
HRM 36550	Compensation and Benefits
HRM 46599	Human Resource Management Capstone
MGMT 36050	Organizational Behavior

Elective Requirement (6 credit hours)

HRM 36520	Labor Relations
HRM 36535	Talent Management
HRM 36560	Implementing and Managing Diversity
HRM 36570	Human Resource Information Systems
HRM 46595	Internship
HRM 46596	Internship II
MGMT 36081	Career Development

HUMAN RESOURCE MANAGEMENT MINOR

21 credit hours

Requirements

HRM 36510	Human Resource Management
HRM 36540	Employment Law
HRM 36545	Employee Selection
MGMT 26032	Principles of Management

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following courses:

HRM 36530 Employee Training and Development

HRM 36535 Talent Management

One of the following (3 credit hours):

HRM 36520	Labor Relations
HRM 36550	Compensation and Benefits
HRM 39000-39999	Special Topics in Human Resource Management
HRM 49000-49999	Special Topics in Human Resource Management
MGMT 36050	Organizational Behavior

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

HUMAN RESOURCE MANAGEMENT EMPHASIS

12 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in human resource management by completing 12 of their 21-24 credit hours of elective coursework in human resource management.

Requirements

HRM 36510	Human Resource Management
HRM 36540	Employment Law

Two of the following courses:

HRM 36520	Labor Relations
HRM 36535	Talent Management
HRM 36545	Employee Selection
HRM 36550	Compensation and Benefits
HRM 36570	Human Resource Information Systems

MGMT 36050 Organizational Behavior

MGMT 36050 may be selected as an elective only if not selected to fulfill the core requirement.

International Business Department

John Loughlin, PhD, Chair

INTERNATIONAL BUSINESS MINOR

30 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
INTL 38000/MGMT 36000	Global Business and Society

INTL 48010/MRKT 35015	International Marketing
INTL 48032/MGMT 36010	International Management
INTL 48070/MGMT 36015	International Business and Cross- Cultural Communications
MGMT 26032 MRKT 35010	Principles of Management Principles of Marketing

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following courses:

INTL 48020/FIN 32015	International Finance
INTL 48040/ECON 43040	International Economics
INTL 48060/MGMT 46010	International Risk and Politics
INTL 48075/MGMT 46015	Managing in Emerging Economies
INTL 48080/MGMT 46020	Global Leadership: Insight, Engagement, and Teamwork

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

INTERNATIONAL BUSINESS EMPHASIS

12 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in international business by completing 12 of their 21-24 credit hours of elective coursework in international business.

Requirements

INTL 48010/MRKT 35015	International Marketing
INTL 48032/MGMT 36010	International Management
INTL 48070/MGMT 36015	International Business and Cross- Cultural Communications

One of the following courses:

INTL 48020/FIN 32015	International Finance
INTL 48040/ECON 43040	International Economics
INTL 48060/MGMT 46010	International Risk and Politics
INTL 48075/MGMT 46015	Managing in Emerging Economies
INTL 48080/MGMT 46020	Global Leadership: Insight, Engagement, and Teamwork

Management Department

Mike Marzano DMgt., Chair

MANAGEMENT, BA

75-77 credit hours

Requirements

Core Business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Six required major courses (18 credit hours)

ENTR 37510	Small Business and Entrepreneurship
HRM 36510	Human Resource Management
INTL 48032/MGMT 36010	International Management
MGMT 36042	Principles of Supply Chain Management
MGMT 36043	Principles of Operations Management
MGMT 46040	Project Management

Management Elective Requirement (6 credit hours):

HRM 36520	Labor Relations
MGMT 36055	Managerial Ethics
MGMT 36062	Business Law II
MGMT 36081	Career Development
MGMT 46095	Internship

MANAGEMENT, BS

81-83 credit hours

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Seven required major courses (21 credit hours)

ENTR 37510	Small Business and Entrepreneurship
HRM 36510	Human Resource Management
INTL 48032/MGMT 36010	International Management
MGMT 36042	Principles of Supply Chain Management
MGMT 36043	Principles of Operations Management
MGMT 36050	Organizational Behavior
MGMT 46040	Project Management

Management Elective Requirement (9 credit hours):

HRM 36520	Labor Relations
MGMT 36055	Managerial Ethics
MGMT 36062	Business Law II
MGMT 36081	Career Development
MGMT 46095	Internship

MANAGEMENT MINOR

27 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
HRM 36510	Human Resource Management
MGMT 26032	Principles of Management
MGMT 36043	Principles of Operations Management
MGMT 36050	Organizational Behavior
MGMT 46040	Project Management

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following (3 credit hours):

ENTR 37510	Small Business and Entrepreneurship
INTL 48032/MGMT 36010	International Management
MGMT 36050	Organizational Behavior
MGMT 36055	Managerial Ethics
MGMT 36081	Career Development
MGMT 46095	Internship

MANAGEMENT EMPHASIS

12 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in management by completing 12 of their 21-24 credit hours of coursework in management.

Requirements

Core Management Emphasis Course

MGMT 46040 Project Management

Three of the following courses:

ENTR 37510	Small Business and Entrepreneurship
HRM 36510	Human Resource Management
INTL 48032/MGMT 36010	International Management
MGMT 36042	Principles of Supply Chain Management
MGMT 36050	Organizational Behavior
MGMT 36062	Business Law II
MGMT 36081	Career Development
MGMT 46033	Business Analytics II

MGMT 36050 or HRM 36510 may be selected only if not selected to fulfill the core requirement.

SUPPLY CHAIN MANAGEMENT MINOR

30 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
INTL 38000/MGMT 36000	Global Business and Society
MGMT 26032	Principles of Management
MGMT 36042	Principles of Supply Chain Management
MGMT 36043	Principles of Operations Management
MGMT 36044	Principles of Procurement Management
MGMT 36045	Principles of Logistics Management

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following courses:

INTL 48010/MRKT 35015	International Marketing
MGMT 46040	Project Management

SUPPLY CHAIN MANAGEMENT EMPHASIS

12 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in supply chain management by completing 12 of their 21-24 credit hours of elective coursework in management.

Supply chain management (SCM) is an evolving business practice consisting of efficient and effective procurement, manufacturing/operations, and distribution of goods. Students will learn skills valued by manufacturing, transportation, retail, healthcare and financial institutions including 6 Sigma, Lean, Just-in-Time inventory management, and process integration between businesses.

Requirements

MGMT 36042	Principles of Supply Chain Management
MGMT 36044	Principles of Procurement Management
MGMT 36045	Principles of Logistics Management

One of the following courses:

INTL 48010/MRKT 35015	International Marketing
MGMT 46040	Project Management

Marketing Department

David Arns, MS, Chair

MARKETING, BA

75-77 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Five required major courses (15 credit hours)

MRKT 35020	Marketing Information and Research
MRKT 35040	Advertising and Promotional Strategy
MRKT 35045	Digital Marketing
MRKT 35050	Selling
MRKT 45080	Marketing Management and Planning

Elective Requirement (9 credit hours):

ASC 36300	Creative Advertising Concepts
ASC 42700	Advertising Campaign Management
INTL 48010/MRKT 35015	International Marketing
MGMT 36042	Principles of Supply Chain Management
MRKT 35025	Social Media Marketing
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35060	Product Management
MRKT 39000-39999	Special Topics in Marketing
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
MRKT 45095	Internship
MRKT 49000-49999	Special Topics in Marketing
NPA 30000	Fundraising
NPA 38300	Marketing for Nonprofit Organizations
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management

MARKETING, BS

78-80 credit hours in major

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

Five required major courses (15 credit hours)

MRKT 35020	Marketing Information and Research
MRKT 35040	Advertising and Promotional Strategy
MRKT 35045	Digital Marketing
MRKT 35050	Selling
MRKT 45080	Marketing Management and Planning

Elective Requirement (12 credit hours):

ASC 36300	Creative Advertising Concepts
ASC 42700	Advertising Campaign Management
INTL 48010/MRKT 35015	International Marketing
MGMT 36042	Principles of Supply Chain Management

MRKT 35025	Social Media Marketing
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35060	Product Management
MRKT 39000-39999	Special Topics in Marketing
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
MRKT 45095	Internship
MRKT 49000-49999	Special Topics in Marketing
NPA 30000	Fundraising
NPA 38300	Marketing for Nonprofit Organizations
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management

ASC 42700	Advertising Campaign Management
INTL 48010/MRKT 35015	International Marketing
MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling
MRKT 35060	Product Management
MRKT 45060	Marketing Communications
MRKT 45070	Consumer Behavior
SPMGT 37040	Sport Marketing and Promotion

MARKETING MINOR

27 credit hours

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MRKT 45080	Marketing Management and Planning

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Three of the following courses:

MRKT 35020	Marketing Information and Research
MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35045	Digital Marketing
MRKT 35050	Selling

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

MARKETING EMPHASIS

12 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in marketing by completing 12 of their 21-24 credit hours of elective coursework in marketing.

Requirements

Four of the following courses:

ASC 36300	Creative Advertising Concepts
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MARKETING CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

Students from majors outside of the Plaster School of Business & Entrepreneurship may earn a Certificate in Marketing by completing the following courses:

Requirements

MRKT 35010	Principles of Marketing
MRKT 35020	Marketing Information and Research
MRKT 45095	Internship

At least three credit hours from MRKT 45095.

Two of the following courses:

MRKT 35030	Pricing Strategy and Negotiations
MRKT 35040	Advertising and Promotional Strategy
MRKT 35050	Selling

Nonprofit Administration Department

Julie Turner, PhD, Chair

The minor in nonprofit administration is ideal for current Lindenwood undergraduate students in any program of study who anticipate working in the nonprofit sector.

Lindenwood University is the only accredited institution of higher education in the St. Louis metropolitan area to possess both undergraduate offerings (Minor) and a Master of Arts (both traditional and online) in Nonprofit Administration. Based on extensive research and benchmarking, a solid curriculum at both academic levels has been developed based on the following six core competencies: Planning, Governance, Finance/Legal, Fund Development, Communication, Evaluation, and Historical Perspectives.

Early Access to the MA Program in Nonprofit Administration

With approval from the dean of the Plaster School of Business & Entrepreneurship and the provost, students may take up to nine semester hours at the graduate level during their senior year. These hours will count toward the MA in nonprofit administration but not toward the bachelor's degree. A student must be enrolled in at least 12 credit hours of undergraduate classes each semester that he or she is taking MA credits under this option.

NONPROFIT ADMINISTRATION MINOR

18 credit hours

Requirements

NPA 20001	Introduction to Nonprofit Organizations and Community Service
NPA 30000	Fundraising
NPA 35100	Volunteer Management
NPA 38400	Program Planning and Evaluation
NPA 45000	Practicum

At least three credit hours from NPA 45000.

One of the following courses:

NPA 37100	Grantwriting
NPA 37601	Nonprofit Leadership Conference
NPA 48000	Senior Seminar

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

NONPROFIT ADMINISTRATION EMPHASIS

12 credit hours

Requirements

Students pursuing a BA or BS in business administration may earn an emphasis in nonprofit administration by completing 12 credit hours of coursework in nonprofit administration.

NPA 30000	Fundraising
NPA 35200	Management and Human Resource Practices for Nonprofit Organizations
NPA 36000	Leadership in Nonprofit Organizations
NPA 38300	Marketing for Nonprofit Organizations

A Bachelor of Arts in sport management prepares students for a career in the sport industry. The sport management degree provides students with a core business degree; however, it also gives students the opportunity to apply the core business theories of economics, marketing, finance, and accounting to the growing world of sport and recreation. Students graduating with a sport management degree are prepared for a career in any sector of the sport industry, including sales of sport and sport related products, event management, facility management, intercollegiate athletics, youth and high school sports, professional sport, and sport marketing.

The sport management degree prepares students through both theoretical and practical learning. Students learn the theories associated with marketing, selling, directing, and financing sport while incorporating the legal and ethical theories necessary to be a successful sport manager. Students also have the opportunity to practically apply the theories that they learn in the classroom through active learning and real-life situational case studies. Finally, all sport management students are required to complete a practicum (internship) in the sport industry, allowing them to gain practical experience and a jump-start on their careers.

SPORT MANAGEMENT, BA

78-80 credit hours

Requirements

Core business and GE business courses (51-53 credit hours)

General Education Business Requirements (p. 87)

Core Business Requirements (p. 88)

with SPMGT 47080 Sport Management Policy replacing MGMT 46082 Management Policy.

Nine required major courses (27 credit hours)

SPMGT 27020	Orientation to Sport Management
SPMGT 33000	Sport Economics
SPMGT 37030	Ethical Dilemmas in the Sport Settings
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management
SPMGT 37060	Sport Law
SPMGT 37070	Sales & Sales Management in the Sport & Entertainment Industry
SPMGT 47080	Sport Management Policy
SPMGT 47095	Practicum in Sport Management

SPORT MANAGEMENT MINOR

30 credit hours

Sport Management Department

Dan Sweeney, PhD, Chair

Requirements

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
SPMGT 27020	Orientation to Sport Management
SPMGT 37040	Sport Marketing and Promotion

One of the following courses:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Three of the following courses:

SPMGT 33000	Sport Economics
SPMGT 37030	Ethical Dilemmas in the Sport Settings
SPMGT 37050	Event Management
SPMGT 37060	Sport Law
SPMGT 37070	Sales & Sales Management in the Sport & Entertainment Industry
SPMGT 47080	Sport Management Policy
SPMGT 47095	Practicum in Sport Management

Note: The additional courses listed above that are beyond the Business Administration core can be used to satisfy the requirements for only one of the following: a major, a minor, or an emphasis.

SPORT MANAGEMENT EMPHASIS

15 credit hours

Students pursuing a BA or BS in business administration may earn an emphasis in sport management by completing SPMGT 27020 (three credit hours) and an additional 12 credit hours of elective coursework in sport management.

Requirements

SPMGT 27020	Orientation to Sport Management
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Four of the following courses:

SPMGT 33000	Sport Economics
SPMGT 37030	Ethical Dilemmas in the Sport Settings
SPMGT 37040	Sport Marketing and Promotion
SPMGT 37050	Event Management
SPMGT 37060	Sport Law
SPMGT 37070	Sales & Sales Management in the Sport & Entertainment Industry

MILITARY SCIENCE AND AEROSPACE STUDIES

Robert Allen, DBA, Chair

Lindenwood University has agreements with Washington University and St. Louis University that make their Army and Air Force ROTC basic courses available to qualified Lindenwood students. These programs enable students to earn appointments as commissioned officers in the United States Army or the United States Air force respectively. Students interested in pursuing these opportunities should consult with the appropriate Army or Air Force ROTC advisor. Any academic major may apply.

For Army ROTC (314) 935-5537.

For Air Force ROTC (314) 977-8227.

RESERVE OFFICERS' TRAINING CORPS (ROTC)

25 credit hours

Requirements

MS 10100	Introduction to Leadership I
MS 10200	Introduction to Leadership II
MS 20100	Innovative Team Leadership
MS 20200	Foundations of Tactical Leadership
MS 30100	Adaptive Team Leadership
MS 30200	Applied Team Leadership
MS 40100	Leadership Challenges and Goal-Setting
MS 40200	Transition to Lieutenant
MS 45000	Modern American Military History

Note: Students must complete these courses in numerical order. Students must be contracted to go into MS 30000- and 40000-level courses. Students must also have completed U.S. basic training or complete the lower level MS courses in order to be contracted.

SIMULTANEOUS MEMBERSHIP PROGRAM/RESERVE OFFICER TRAINING CORPS (SMP/ROTC):

This program enables members of the Missouri Army National Guard to participate in ROTC to earn their commission as officers in the U.S. Army, obtain a bachelor's degree in a field of their choice, and have a guaranteed obligation with the Missouri Army National Guard. Special financial incentives and entitlements are available for these students. See Financial Aid (p. 23).

U.S. AIR FORCE ROTC (AES) AEROSPACE STUDIES

20 credit hours

Requirements

AES 10100	The Foundations of the United States Air Force
AES 10200	Heritage and Values of the Air Force II
AES 11000	Leadership Laboratory I
AES 11200	Leadership Laboratory II
AES 20100	The Evolution of USAF Air and Space Power
AES 20200	Air Force Team and Leadership Fundamentals II
AES 30100	Air Force Leadership and Management I
AES 30200	Air Force Leadership and Effective Communication II
AES 40100	National Security Affairs and Preparation for Active Duty I
AES 40200	Air Force Preparation for Active Duty II

AEROSPACE STUDIES MINOR

20 credit hours

Requirements

AES 10100	The Foundations of the United States Air Force
AES 10200	Heritage and Values of the Air Force II
AES 20100	The Evolution of USAF Air and Space Power
AES 20200	Air Force Team and Leadership Fundamentals II
HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 34400	War and Society in the Twentieth Century
REC 11300	Wilderness Survival
REC 12500	Land Navigation

MILITARY SCIENCE MINOR

21 credit hours

Requirements

MS 30100	Adaptive Team Leadership
MS 30200	Applied Team Leadership
MS 40100	Leadership Challenges and Goal-Setting
MS 40200	Transition to Lieutenant

Plus nine credit hours from:

HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 34400	War and Society in the Twentieth Century
MS 10100	Introduction to Leadership I
MS 10200	Introduction to Leadership II
MS 20100	Innovative Team Leadership
MS 20200	Foundations of Tactical Leadership
REC 11300	Wilderness Survival
REC 12500	Land Navigation

SCHOOL OF EDUCATION

Anthony Scheffler, PhD, Dean

Mission

The Mission of the School of Education at Lindenwood University is to prepare educators, counselors, social workers, and leaders who meet the standards set forth by the national accrediting organizations, state licensing agencies, and/or other learned societies.

Our program completers are

- Educated in the theory and research-based practices of their content field from a global perspective.
- Able to demonstrate best practices in pedagogy and adult learning/andragogy.
- Caring professionals who are disciplined and others-centered. They are skilled in communication and collaboration with diverse learners, colleagues, community, and other stakeholders.
- Lifelong learners who pursue ongoing professional development in order to respond to the changing needs of their educational context.

The Lindenwood University School of Education is committed to an open, diverse, and inclusive learning environment that nurtures the growth and development of all regardless of race, socioeconomic status, gender, language, religion, or sexual identification. The School of Education believes learning is enriched by diversity of values, interests, experiences, and intellectual and cultural viewpoints and strives to promote and support a diverse and inclusive learning community of mutual respect, which encompasses the engagement of all involved—students, faculty, and the community.

The School of Education is divided into three departments:

- Counseling Department*
- Educational Leadership Department*
- Teacher Education Department

Note: Those departments marked with an asterisk offer graduate programs only. Students wishing to enter into one of the School of Education graduate programs should consult the Lindenwood University Graduate Catalog.

The School of Education undergraduate programs are comprised of the Teacher Education Department and the Social Work program.

The Department of Teacher Education offers the following undergraduate degrees:

Degrees and Programs Leading to Certification

Early Childhood Education (Birth-Grade 3)

- Bachelor of Arts in Early Childhood Education
- Bachelor of Arts in Early Childhood Special Education

Elementary Education (Grades 1-6)

- Bachelor of Arts in Elementary Education

Middle School Education (Grades 5-9)

- Bachelor of Arts in Middle School Education with business emphasis
- Bachelor of Arts in Middle School Education with English/Language arts emphasis
- Bachelor of Arts in Middle School Education with mathematics emphasis
- Bachelor of Arts in Middle School Education with science emphasis
- Bachelor of Arts in Middle School Education with social science emphasis

Secondary Education (Grades 9-12)

Students seeking certification at the secondary (Grades 9-12) level must complete the requirements for a program of study in the desired content instructional area, along with the requirements for a minor in secondary education (Grades 9-12).

- Bachelor of Arts in Biological Sciences with 9-12 secondary education certification preparation
- Bachelor of Arts in Business Administration with 9-12 secondary education certification preparation
- Bachelor of Arts in Chemistry with 9-12 secondary education certification preparation
- Bachelor of Sciences in Chemistry with 9-12 secondary education certification preparation
- Bachelor of Arts in English with 9-12 secondary education certification preparation
- Bachelor of Arts in History with 9-12 secondary education certification preparation in social science
- Bachelor of Arts in Mathematics with 9-12 secondary education certification preparation

K-12 Education

Students seeking certification at the education (Grades K-12) level must complete the requirements for a program of study in the desired content instructional area, along with the requirements for a minor in education (Grades K-12).

- Bachelor of Arts in Art and Design with K-12 education certification preparation

- Bachelor of Arts in Music with K-12 instrumental education certification preparation
- Bachelor of Arts in Music with K-12 vocal/choral education certification preparation
- Bachelor of Arts in Physical Education with K-12 education certification preparation
- Bachelor of Arts in Spanish with K-12 education certification preparation
- Bachelor of Arts in Special Education with K-12 education certification preparation
- Bachelor of Arts in Special Education with K-12 cross-categorical minor/add-on education certification preparation

Note: Each of the degrees above lead to certification upon the student's successful completion of the requirements for certification, submitted to the Missouri Department of Elementary and Secondary Education (MoDESE).

Minors Leading to Certification

- Minor in education (Grades K-12)
- Minor in secondary education (Grades 9-12)
- Minor in special education* (Grades K-12)

**A minor in special education can be attained only through completion of the special education cross-categorical add-on. For more information, see Special Education section of this catalog.*

Degrees and Minors Not Leading to Certification

- Bachelor of Arts in Educational Studies
- Minor in education (non-certification)

**Degree course requirements may require successful completion of appropriate prerequisites.*

The Social Work Program offers the following undergraduate degrees:

- Bachelor of Social Work
- Minor in social welfare

Teacher Education Department

The Lindenwood University Educator Preparation Program (EPP) is accredited by the Missouri Department of Elementary and Secondary Education (DESE <https://dese.mo.gov/>). The initial teacher education program is accredited by the Teacher Education Accreditation Council (TEAC www.teac.org) through the Council for the Accreditation of Educator Preparation (CAEP www.caepnet.org).

Students who enroll in the School of Education may select one of two pathways to completion of the program:

- Successful completion of the Lindenwood University teacher education program qualifies the student for recommendation for teaching certification, issued by the Missouri Department of Elementary and Secondary Education (MoDESE).
- Those students who desire to work in an educational field but do not desire teaching certification may pursue a degree in Educational Studies.

Admission

The teacher education program is divided into three stages and is the result of action by the Council of Teacher Education (CTE). The council, broadly representative of all schools at the university, considers the student's application to the teacher education program to be in Stage One after the student has completed the steps outlined below. A student who seeks entrance into the teacher education program does so after successful completion of 9 hours of education coursework. Students should apply during EDU 21501. The student will not be allowed to enroll in most upper level or methods coursework until he/she has been formally admitted at Stage One to the teacher education program. All application for admission to the teacher education program and admission to student teaching must be completed and submitted in Foliotek.

Stage One - Admission to Teacher Education

1. The student has been accepted to Lindenwood University.
2. The student has completed at least 9 hours of coursework from the School of Education.
3. The student has achieved a cumulative minimum GPA of 2.75 (including all college/university transcripts), a content area coursework GPA of 3.0, and a professional education coursework GPA of 3.0, with a minimum grade of C in all professional education courses.
4. The student has demonstrated evidence of competency in communications by passing ENGL 15000, ENGL 17000, and general education oral communications classes with a grade of C or better. Preferred general education oral communications course options are listed within program of study requirements.
5. Program Plan from his/her advisor.
6. The student has attained the qualifying cut scores of 220 on all subtests of the Missouri General Education Assessment (MoGEA) test code (66-69) (www.mo.nesinc.com). *These qualifying cut scores are currently determined by individual educator preparation programs but are subject to future changes statewide by the MoDESE or the student has attained a qualifying ACT composite score of 20 (Students do not have to have both MoGEA and ACT.)
7. All materials must be uploaded to Foliotek and accepted before the student can be recommended to the

Council of Teacher Education (CTE) for formal admittance into the Teacher Education Program.

Stage Two - Admission to Student Teaching

Acceptance into Stage Two is required for admittance into student teaching. All applications for admission to the teacher education program and admission to student teaching must be completed and submitted in Foliotek. The following are the requirements for admission to Stage Two.

1. Candidate information sheet
2. Résumé application
3. Philosophy of education
4. Program Plan from his/her advisor
5. TB test results
6. The student has attained the qualifying cut scores of 220 on all subtests of the Missouri General Education Assessment (MoGEA) test code (66-69). *These qualifying cut scores are currently determined by individual educator preparation programs but are subject to future changes statewide by the MoDESE or the student has attained a qualifying ACT composite score of 20 (Students do not have to have both MoGEA and ACT.)
7. The teacher candidate has obtained a passing score on the Missouri Content Assessment (MoCA). The Missouri Content Assessment (MoCA) are tests required for all student teacher candidates.
 - a. The Missouri Content Assessment (MoCA) are tests required for all student teacher candidates. The test should be taken after most of the content courses for the desired program have been successfully completed and prior to student teaching. Candidates must also pass the appropriate Missouri Content Assessment in order to be recommended for certification. A passing score on the MoCA exam demonstrates that the teacher candidate has mastered the subject area that he/she will teach.
 - b. The correct MoCA exam is posted on the Missouri Educator Gateway Assessment (MEGA) website (www.mo.nesinc.com). If a student is unsure of which test to take after reviewing the website, he/she may contact the Advising, Retention and Certification Center at 636-949-4377 for more assistance.
8. The teacher candidate is expected to have a minimum content GPA of 3.0. If the teacher candidate has a content GPA between a 2.75-2.99 and has passed the Missouri Content Assessment in the appropriate certification area at one standard error of measurement above 220, the teacher candidate can still meet the

content GPA requirement for admission to student teaching.

9. The teacher candidate is expected to have a minimum cumulative GPA of 2.75. This includes all coursework taken at Lindenwood and other institutions for college credit. If the teacher candidate has met all of the other requirements for admission to student teaching but does not have the minimum cumulative GPA of 2.75 and has demonstrated a strong academic track record and has the potential to meet the cumulative GPA at the end of student teaching, the teacher candidate may be accepted into student teaching with the understanding that a cumulative 2.75 must be obtained before being recommended for certification.
10. Three letters of recommendation
11. Family care safety registry clear background check
12. Travel waiver
13. Confidentiality agreement
14. Substitute certificate
15. Professional liability insurance

Teaching applications must be completed and submitted by:

August 31 for Spring Semester

January 31 for Fall Semester

Any revisions or additional documentation required must be accepted by November 1 for Spring student teaching and by July 1 for Fall student teaching.*

*Teacher candidates can appeal late submissions in writing to the Chair of the Council for Teacher Education, Dr. Janette Ralston, on the appropriate form found in the Field Experience Handbook. The Chair of the Council for Teacher Education will bring the appeal to the committee for consideration. This appeal must be made no later than November 15 for Spring Student Teaching and July 15 for Fall Student Teaching. No appeals will be considered after this date. However, no placement is guaranteed after the deadline of November 1 or July 1 due to limited placement opportunities. Teacher candidates should have alternative plans in case the Council does not accept the appeal.

Stage Three - Completion of Teacher Education Program

1. The teacher candidate must earn a minimum professional education coursework GPA of 3.0.
2. The teacher candidate is expected to have a minimum content GPA of 3.0. If the teacher candidate has a content GPA between a 2.75-2.99 and has passed the Missouri Content Assessment in the appropriate certification area at one standard error of measurement above 220, the teacher candidate can still meet the

content GPA requirement for admission to student teaching.

3. The teacher candidate is expected to have a minimum cumulative GPA of 2.75. This includes all coursework taken at Lindenwood and other institutions for college credit.
4. The teacher candidate must successfully complete the student teaching course, EDU 41000, including all seminar sessions and portfolio requirements as identified by Lindenwood University in support of the Missouri Educator Evaluation System (MEES) Evaluation Assessment. The portfolio must be completed before a grade will be issued for student teaching.
5. Candidates are also required to complete the Missouri Educator Evaluation System (MEES) with a satisfactory score to be recommended for certification.

Certification

Each state issues its own teaching certificates based on its own requirements. Upon passing the state-mandated exit assessment and successfully completing the planned degree program, each Lindenwood University School of Education student applies for certification to teach in Missouri. The student who wishes to pursue certification in other states should seek advice from the Department of Education within the state he or she is seeking certification. A list of those contacts are located on the School of Education web-page. The Lindenwood certification officer at arcc@lindenwood.edu can assist students who are pursuing certification in other states. International students or students who have completed high school outside of the U.S. are also required to complete coursework in the following areas:

- English composition, two courses, each a minimum of three credit hours
- U.S. history, three credit hours
- U.S. (National) government, three credit hours

Early Childhood (Birth-Grade 3)

**EARLY CHILDHOOD EDUCATION, BA
(BIRTH – GRADE 3)**

97-99 credit hours

Requirements

EDS 31610	Speech and Language Development, Acquisition, and Intervention
EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning

EDU 21501	Teacher Education Seminar I
EDU 24600	Children's Literature
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary School Language Arts Methods
EDU 30910	Instructional Strategies, Techniques and Analysis of Literacy with Practicum
EDU 31310	Instructional Design in Math, Science and Social Studies
EDU 31400	Utilizing Family and Community Resources
EDU 31700	Introduction to Early Childhood/Early Childhood Special Education
EDU 32200	Elementary Classroom Teaching and Technology
EDU 32500	Perceptual Motor Development
EDU 32700	Early Childhood Cognitive Curriculum Concepts
EDU 32900	Creative Curriculum Materials for Early Childhood/Early Childhood Special Education Programs
EDU 34100	Education of the Exceptional Child
EDU 34410	Elementary School Differentiation and Classroom Management with Field Experiences
EDU 34510	Pre K-8 Health, Physical Education, and the Arts
EDU 35100	Early Childhood Screening, Diagnosing and Prescribing Instruction
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

The following required courses will also fulfill General Education requirements:

BSC 10000	Concepts in Biology
MTH 14800	Mathematical Structures for Teachers I
	or
MTH 15100	College Algebra and
MTH 14900	Mathematical Structures for Teachers II

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Select one of the following physical or earth sciences with lab (four credit hours):

CHM 10000	Concepts in Chemistry
ESC 10000	Physical Geology with Lab
ESC 13200	Introductory Astronomy with Lab
ESC 11000	Introductory Meteorology and
ESC 11100	Meteorology Lab
PHY 11100	Concepts of Physics and
PHY 11200	Concepts of Physics Laboratory

Select one of the following geography courses:

GEO 10100	World Regional Geography
GEO 10200	Concepts of Geography

Select one of the following US government courses:

HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation

Select one of the following economics courses to fulfill a social science requirement:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

Select one of the following fine or performing art courses:

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 35500	History of Western Music I
TA 11700	Introduction to the Theatrical Arts
TA 37000	History of Theatre

EARLY CHILDHOOD SPECIAL EDUCATION, BA (BIRTH – GRADE 3)

113-115 credit hours

Requirements

EDS 31610	Speech and Language Development, Acquisition, and Intervention
EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24600	Children's Literature
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary School Language Arts Methods

EDU 30910	Instructional Strategies, Techniques and Analysis of Literacy with Practicum
EDU 31310	Instructional Design in Math, Science and Social Studies
EDU 31400	Utilizing Family and Community Resources
EDU 31700	Introduction to Early Childhood/Early Childhood Special Education
EDU 32200	Elementary Classroom Teaching and Technology
EDU 32500	Perceptual Motor Development
EDU 32700	Early Childhood Cognitive Curriculum Concepts
EDU 32900	Creative Curriculum Materials for Early Childhood/Early Childhood Special Education Programs
EDU 34100	Education of the Exceptional Child
EDU 34410	Elementary School Differentiation and Classroom Management with Field Experiences
EDU 34510	Pre K-8 Health, Physical Education, and the Arts
EDU 35100	Early Childhood Screening, Diagnosing and Prescribing Instruction
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching
	Special Education
EDS 30200	Behavior Management
EDS 33000	Introduction and Methods of Teaching Children with Disabilities in Cross-Categorical Settings
EDS 33700	Special Education Counseling
EDS 35700	Remediation in Elementary Math
EDU 32400	Assessment of Intellectual Skills

The following required courses will also fulfill General Education requirements:

BSC 10000	Concepts in Biology
MTH 14800	Mathematical Structures for Teachers I
	or
MTH 15100	College Algebra
MTH 14900	Mathematical Structures for Teachers II

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Select one of the following physical or earth sciences with lab (four credit hours):

- CHM 10000 Concepts in Chemistry
- ESC 10000 Physical Geology with Lab
- ESC 13200 Introductory Astronomy with Lab
- ESC 11000 Introductory Meteorology and
and
- ESC 11100 Meteorology Lab
- PHY 11100 Concepts of Physics and
and
- PHY 11200 Concepts of Physics Laboratory

Select one of the following geography courses:

- GEO 10100 World Regional Geography
- GEO 10200 Concepts of Geography

Select one of the following economics courses to fulfill a social science requirement:

- ECON 23010 Survey of Economics
- ECON 23020 Principles of Microeconomics
- ECON 23030 Principles of Macroeconomics

Select one of the following US government courses:

- HIST 15500 US Government: Politics and History
- PS 15500 American Government: The Nation

Select one of the following fine or performing art courses:

- ARTH 11000 Concepts in the Visual Arts
- ARTH 22200 History of Western Art to 1300
- ARTH 22400 History of Western Art from 1300
- DAN 37100 Dance in the 21st Century
- MUS 15000 Music in America
- MUS 35500 History of Western Music I
- TA 11700 Introduction to the Theatrical Arts
- TA 37000 History of Theatre

Elementary Education (Grades 1-6)

**ELEMENTARY EDUCATION, BA
(GRADES 1-6)**

82-85 credit hours

Requirements

- EDS 31610 Speech and Language Development, Acquisition, and Intervention
- EDU 11110 Orientation to Educational Experiences with Field Experiences
- EDU 20200 Psychology of Teaching and Learning
- EDU 21501 Teacher Education Seminar I
- EDU 24600 Children's Literature
- EDU 30500 Elementary Reading Methods

- EDU 30600 Elementary School Language Arts Methods
- EDU 30910 Instructional Strategies, Techniques and Analysis of Literacy with Practicum
- EDU 31310 Instructional Design in Math, Science and Social Studies
- EDU 32200 Elementary Classroom Teaching and Technology
- EDU 34100 Education of the Exceptional Child
- EDU 34410 Elementary School Differentiation and Classroom Management with Field Experiences
- EDU 34510 Pre K-8 Health, Physical Education, and the Arts
- EDU 40400 Advanced Measurement and Evaluation to Enhance Learning
- EDU 41000 Student Teaching
- ESOL 44000 TESOL Methods

The following required courses will also fulfill General Education requirements

- BSC 10000 Concepts in Biology
- MTH 14800 Mathematical Structures for Teachers I
or
MTH 15100 College Algebra
- MTH 14900 Mathematical Structures for Teachers II

Select one of the following oral communications courses:

- COM 10500 Group Dynamics and Effective Speaking
- COM 11000 Fundamentals of Oral Communication
- SW 20000 Intercultural Communication

Select one of the following physical or earth sciences with lab (four credit hours):

- CHM 10000 Concepts in Chemistry
- ESC 10000 Physical Geology with Lab
- ESC 13200 Introductory Astronomy with Lab
- ESC 11000 Introductory Meteorology and
and
- ESC 11100 Meteorology Lab
- PHY 11100 Concepts of Physics and
and
- PHY 11200 Concepts of Physics Laboratory

Select one of the following geography courses:

- GEO 10100 World Regional Geography
- GEO 10200 Concepts of Geography

Select one of the following US government courses:

- HIST 15500 US Government: Politics and History
- PS 15500 American Government: The Nation

Select one of the following economics courses to fulfill a social science requirement:

ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

Select one of the following fine or performing art courses:

ARTH 11000	Concepts in the Visual Arts
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
DAN 37100	Dance in the 21st Century
MUS 15000	Music in America
MUS 35500	History of Western Music I
TA 11700	Introduction to the Theatrical Arts
TA 37000	History of Theatre

Middle School Education (Grades 5-9)

MIDDLE SCHOOL EDUCATION, BA (GRADES 5-9)

50 credit hours

Requirements

Middle School Education Curriculum

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 38800	Middle School Psychology
EDU 38910	Middle School Philosophy, Curriculum, and Instruction
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Select one of the following teaching methods courses:

In addition to the courses listed above, the student will complete at least one methods of teaching course in the area of emphasis the student has selected. All students seeking certification in middle school education are required to select an emphasis area, and it is recommended that they select more than one.

EDU 33000	Secondary Methods of Teaching Science
EDU 33100	Secondary Methods of Teaching Mathematics
EDU 33400	Secondary Methods of Teaching English
EDU 33500	Secondary Methods of Teaching Social Studies
EDU 33600	Secondary Methods of Teaching Business Education

Middle School Education Emphasis Areas

MIDDLE SCHOOL EDUCATION, BA BUSINESS EMPHASIS

77 credit hours

Requirements

Middle School Education Curriculum

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33600	Secondary Methods of Teaching Business Education
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 37300	Implementing Vocational Business Education Programs
EDU 38700	Reading/Writing across Curriculum
EDU 38800	Middle School Psychology
EDU 38910	Middle School Philosophy, Curriculum, and Instruction
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication
Business Emphasis Courses	
ACCT 21010	Principles of Financial Accounting
COM 30300	Written Communication for Business
FIN 32000	Principles of Finance
MGMT 14000	Microcomputer Applications
MGMT 26032	Principles of Management
MRKT 35010	Principles of Marketing
MTH 14100	Basic Statistics
One of the following courses:	
ECON 23010	Survey of Economics
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics

**MIDDLE SCHOOL EDUCATION, BA
ENGLISH/LANGUAGE ARTS EMPHASIS**

71 credit hours

Requirements

Middle School Education Curriculum

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24700	Adolescent Literature
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33400	Secondary Methods of Teaching English
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 38800	Middle School Psychology
EDU 38910	Middle School Philosophy, Curriculum, and Instruction
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
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COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication
English/Language Arts Emphasis Courses	
ENGL 20100	World Literature: Masterpieces of the Premodern World
ENGL 20500	British Literature: Fact, Fiction, and Everything In-Between
ENGL 23500	American Literature: Slavery and War
One of the following courses:	
ENGL 37200	Grammar and Writing
ENGL 40400	History of the English Language
Two of the following courses:	
ENGL 21100	Introduction to Creative Writing
ENGL 22200	Writing about Reality
ENGL 37200	Grammar and Writing
ENGL 40400	History of the English Language

Two of the following courses:

ENGL 25600	Greek Myth, Epic, and Tragedy
ENGL 30100	Methods of Literary Study
ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval Literature
ENGL 33900	Early Modern Literature
ENGL 34101	London in the Eighteenth Century
ENGL 34200	Politics, Passion, Poetry and Problems: The Romantic Movement
ENGL 34300	Victorians: Vile or Virtuous?
ENGL 35200	Early American Literature
ENGL 35300	Twentieth-Century American Literature
ENGL 35500	Literary Modernism: Experiment, Method, and Mystery
ENGL 37600	African-American Literature

Note: No duplication of coursework is allowed.

**MIDDLE SCHOOL EDUCATION, BA
MATHEMATICS EMPHASIS**

74 credit hours

Requirements

Middle School Education Curriculum

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I

EDU 30710	Content Literacy for Diverse Learners	EDU 34100	Education of the Exceptional Child
EDU 32100	Middle/High School Classroom Teaching and Technology	EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 33100	Secondary Methods of Teaching Mathematics	EDU 38700	Reading/Writing across Curriculum
EDU 34100	Education of the Exceptional Child	EDU 38800	Middle School Psychology
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences	EDU 38910	Middle School Philosophy, Curriculum, and Instruction
EDU 38700	Reading/Writing across Curriculum	EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 38800	Middle School Psychology	EDU 41000	Student Teaching
EDU 38910	Middle School Philosophy, Curriculum, and Instruction	Select one of the following oral communications courses:	
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning	COM 10500	Group Dynamics and Effective Speaking
EDU 41000	Student Teaching	COM 11000	Fundamentals of Oral Communication
Select one of the following oral communications courses:		SW 20000	Intercultural Communication
COM 10500	Group Dynamics and Effective Speaking	Science Emphasis Courses	
COM 11000	Fundamentals of Oral Communication	BSC 10000	Concepts in Biology
SW 20000	Intercultural Communication	BSC 10700	Human Biology
Mathematics Emphasis Courses		CHM 10000	Concepts in Chemistry
MGMT 26014	Excel for Professionals	ESC 10000	Physical Geology with Lab
MTH 14100	Basic Statistics	ESC 11000	Introductory Meteorology
MTH 14800	Mathematical Structures for Teachers I	ESC 11100	Meteorology Lab
MTH 15100	College Algebra	PHY 11100	Concepts of Physics
MTH 15200	Pre-calculus: Elementary Functions	PHY 11200	Concepts of Physics Laboratory
MTH 17300	Survey of Calculus	Natural Science with Lab (Four credit hours):	
MTH 23000	Geometry with Geometric Software	ESC 13000	Introductory Astronomy
MTH 31300	History of Mathematics	ESC 13100	Astronomy Lab
			or
		ESC 13200	Introductory Astronomy with Lab

MIDDLE SCHOOL EDUCATION, BA SCIENCE EMPHASIS

77 credit hours

Requirements

Middle School Education Curriculum

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science

MIDDLE SCHOOL EDUCATION, BA SOCIAL SCIENCE EMPHASIS

77 credit hours

Requirements

Middle School Education Curriculum

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33500	Secondary Methods of Teaching Social Studies
EDU 34100	Education of the Exceptional Child

EDU 34310 Middle/High School Differentiation and Classroom Management with Field Experiences

EDU 38700 Reading/Writing across Curriculum

EDU 38800 Middle School Psychology

EDU 38910 Middle School Philosophy, Curriculum, and Instruction

EDU 40400 Advanced Measurement and Evaluation to Enhance Learning

EDU 41000 Student Teaching

Select one of the following oral communications courses:

COM 10500 Group Dynamics and Effective Speaking

COM 11000 Fundamentals of Oral Communication

SW 20000 Intercultural Communication

Required (nine credit hours)

HIST 10100 World History: Empires and Exchanges since 1500

HIST 11300 US History: The American Century

PS 15600 American Government: The States

Social Science Emphasis

Economics (six credit hours)

One of the following courses:

ECON 23010 Survey of Economics

ECON 23020 Principles of Microeconomics

One of the following courses:

ECON 23030 Principles of Macroeconomics

HIST 11400 US History: America through Business and Labor

Geography (three credit hours)

One of the following courses:

GEO 10100 World Regional Geography

GEO 10200 Concepts of Geography

Government (three credit hours)

One of the following courses:

HIST 15500 US Government: Politics and History

PS 15500 American Government: The Nation

US History (three credit hours)

One of the following courses:

HIST 11500 US History: America through Gender

HIST 11600 US History: America through the History of Race

HIST 11700 US History: American Military History through World War II

World History (three credit hours)

One of the following courses:

HIST 10000 World History: The Ancient and Medieval World

HIST 26100 History of the Contemporary World

HIST 26300 History of Latin America

HIST 26400 History of Asia

Note: No duplication of coursework is allowed.

Secondary Education Certification Preparation (Grades 9-12)

Students who wish to earn a teaching certificate at the secondary level must earn a bachelor of arts or a bachelor of science in the content (subject) area in which they wish to teach and, additionally, complete the requirements for either of the following minors:

- Minor in education (Grades K-12)
- Minor in secondary education (Grades 9-12)

Note that students seeking education (Grades K-12) certification or secondary education (Grades 9-12) certification must have an academic advisor from both the content (subject) area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area.

The Department of Teacher Education offers the following emphasis areas for students seeking certification in secondary education (Grades 9-12). Certification in the emphasis area requires the completion of the appropriate BA or BS program.

- Biological Sciences
- Business Administration
- Chemistry
- English
- History
- Mathematics

SECONDARY EDUCATION (GRADES 9-12) MINOR COURSE REQUIREMENTS

40 credit hours

Requirements

EDU 11110 Orientation to Educational Experiences with Field Experiences

EDU 20200 Psychology of Teaching and Learning

EDU 21501 Teacher Education Seminar I

EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

In addition to the courses listed above, students must complete the appropriate methods of teaching course(s) as determined by the student's desired area of certification.

Notes: (1) The total number of credit hours required for secondary education certification is dependent on the student's major content area, as degree requirements in content areas vary.

(2) Students in secondary education (9-12) and (K-12) certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

Secondary Education Certification Content Areas

BIOLOGICAL SCIENCES, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

116 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child

EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

One of the following courses:

PHRL 34400	Philosophy of Science
SCI 21200	History of Science

Bachelor of Arts in Biological Sciences

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48800	Genetics of Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I

One of the following courses:

BSC 34100	Vertebrate Zoology
BSC 36400	Entomology

BUSINESS ADMINISTRATION, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

109-111 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33600	Secondary Methods of Teaching Business Education
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 36500	Coordination of Cooperative Education
EDU 37300	Implementing Vocational Business Education Programs
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10200	Public Debate
COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Bachelor of Arts in Business Administration

Required general education courses for the program of study.

ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
MTH 14100	Basic Statistics

One of the following courses:

MTH 14200	Quantitative Methods for Business
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 17300	Survey of Calculus
MTH 17500	Business Calculus and Applications
MTH 27100	Calculus I
MTH 27200	Calculus II

Core Business Courses

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting

COM 30300	Written Communication for Business
FIN 32000	Principles of Finance
INTL 38000/MGMT 36000	Global Business and Society
MGMT 16025	Introduction to Business and Free Enterprise
MGMT 24000	Introduction to Information Systems
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
MGMT 36033	Business Analytics I
MGMT 36043	Principles of Operations Management
MGMT 46082	Management Policy
MRKT 35010	Principles of Marketing

One of the following courses:

HRM 36510	Human Resource Management
MGMT 36050	Organizational Behavior

Notes: (1) MGMT 16025 is waived if the student has nine or more credit hours in business coursework when entering the program. (2) MGMT 46082 is the capstone course, which is to be taken during the student's last semester of the business program.

Elective Business Courses (Six credit hours)

In addition, students must select six business elective courses at or above the 30000-level, including no more than one special topics and/or internship course.

Note: As a business elective option, students might wish to consider FIN 32030 Consumer Finance, a course strongly recommended by DESE.

CHEMISTRY, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

102 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child

EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Bachelor of Arts in Chemistry

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 45500	Instrumental Analysis
CHM 48500	Chemistry Seminar
MTH 14800	Mathematical Structures for Teachers I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

Students must also select either of the following pairs of courses:

Pair One:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair Two:

PHY 30100	General Physics I
PHY 30200	General Physics II

Plus three credit hours of chemistry electives, selected from among the following options:

CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 31100	Applications in Forensic Science
CHM 38500	Medicinal Chemistry
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 44000	Inorganic Chemistry
CHM 47200	Physical Chemistry II

CHM 47300	Physical Chemistry Lab
CHM 48000	Chemistry Internship
CHM 48900	Independent Research

Students must take one of the following courses:

PHRL 34400	Philosophy of Science
SCI 21200	History of Science

CHEMISTRY, BS 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

120-123 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33000	Secondary Methods of Teaching Science
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Bachelor of Science in Chemistry

BSC 24400	Introduction to Cellular and Molecular Biology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety

CHM 33300	Polymer Chemistry
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism
CHM 44000	Inorganic Chemistry
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 48500	Chemistry Seminar
CHM 48900	Independent Research
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
PHY 30100	General Physics I
PHY 30200	General Physics II

ENGLISH, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

82 credit hours

Requirements

In addition to the education courses required for a minor in secondary education (Grades 9-12) students seeking secondary certification in English must complete a Bachelor of Arts in English:

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24700	Adolescent Literature
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33400	Secondary Methods of Teaching English
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Bachelor of Arts in English

ENGL 30100	Methods of Literary Study
ENGL 45400	Senior Capstone in English

Two courses selected from the following options in British Literature (6 credit hours):

ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval Literature
ENGL 33900	Early Modern Literature
ENGL 34101	London in the Eighteenth Century
ENGL 34200	Politics, Passion, Poetry and Problems: The Romantic Movement
ENGL 34300	Victorians: Vile or Virtuous?
ENGL 35700-35799	Topics in British Literature

Two courses selected from the following options in American Literature (6 credit hours):

ENGL 34400/SPA 34400	LatinX Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Twentieth-Century American Literature
ENGL 35400	Finding Home: Space, Place, and Identity in American Literature
ENGL 37600	African-American Literature

Two more literature courses selected from the following options and/or from the options in British literature or American Literature above (6 credit hours):

ENGL 30900	The Novel
ENGL 35500	Literary Modernism: Experiment, Method, and Mystery
ENGL 36200	Translation and Literature
ENGL 37100	Reading and Writing of the Young Adult Novel
ENGL 38000-38099	Topics in Literature

Two courses selected from the following options in language, linguistics, and communication (6 credit hours):

COM 24200	Basic Reporting
COM 30700	Writing for Visual Media
COM 38200	Feature Writing
DCS 35000	Personal Branding and Content Creation

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 20900	Writing for Game Design
ENGL 21100	Introduction to Creative Writing
ENGL 22200	Writing about Reality
ENGL 23000	Professional Communications
ENGL 25000/SPA 25000	Multiculturalism and Multilingualism
ENGL 30700	The Teaching of Writing
ENGL 31200	Technical Writing
ENGL 31500	Arrow Rock Literary Journal
ENGL 36300	Philosophy of Language: Secrets, Symbols, and the Literary Mind
ENGL 36500	Digital Humanities
ENGL 37200	Grammar and Writing
ENGL 38200-38299	Topics in English
ENGL 40400	History of the English Language
INTL 48070/MGMT 36015	International Business and Cross-Cultural Communications
MRKT 35040	Advertising and Promotional Strategy
NPA 37100	Grantwriting
PS 30700	Public Affairs: Writing and Reporting

Two courses (6 credit hours) selected from any of the above listed ENGL courses, or any other 30000- or 40000-level ENGL course, except for ENGL 39000-39999.

Note: At least two of the courses taken for the degree must be marked as GE-Human Diversity courses. No other duplication of coursework is allowed.

English majors must demonstrate proficiency in one foreign language equivalent to Lindenwood University's Elementary II level. Students who transfer in at least six college credit hours in such a language or who have a sufficient AP exam score in such a language are considered to have demonstrated proficiency. Students who have studied a language offered by Lindenwood University but who do not have sufficient college course credit in the language may consult with the program chair about having their proficiency tested by the faculty in our non-English language programs to determine which courses, if any, they must take to fulfill the requirement. Students who have studied a language not offered by Lindenwood University and who do not have sufficient college course credit in the language may consult with the program chair about taking an online proficiency test to determine whether they will need to undertake further language study at Lindenwood. (Note: Not all languages are available for testing.)

English majors should take ENGL 30100 as soon as possible after completing ENGL 17000.

HISTORY, BA 9-12 SOCIAL SCIENCE CERTIFICATION PREPARATION

105-106 credit hours

In addition to the education courses required for a minor in secondary education (Grades 9-12) students seeking secondary certification in Social Science must complete a Bachelor of Arts in History and a minor in Social Science.

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33500	Secondary Methods of Teaching Social Studies
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

One of the following:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Bachelor of Arts in History

HIST 20100	Historical Methods
HIST 24100	Reformation to Revolution
HIST 24200	Waterloo to World War II
HIST 26300	History of Latin America
HIST 48100	Senior Seminar in History

Two U.S. courses selected from the following options:

HIST 32000/AST 32000	America: The Search for a More Perfect Union
HIST 32100	The Origins of the United States to 1800
HIST 32200	The Age of Jackson
HIST 32300	The Civil War and Reconstruction

HIST 32400	The Growth of Modern America, 1877-1914
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33100	History of Gender in America
HIST 33200	A Biography of the Constitution
HIST 33300	The American West 1830-1960
HIST 33400	History of Race in America

One Europe course selected from the following options:

HIST 34100	Church and State in Early Modern Europe
HIST 34200	The Civilization of Industrialism
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century

One World course selected from the following options:

HIST 36100	Missionaries, Militaries and Merchants in the Early Modern World
HIST 36200	The Atlantic World
HIST 36300	Revolution in the Modern World

Three courses selected from the following options:

HIST 32000/AST 32000	America: The Search for a More Perfect Union
HIST 32100	The Origins of the United States to 1800
HIST 32200	The Age of Jackson
HIST 32300	The Civil War and Reconstruction
HIST 32400	The Growth of Modern America, 1877-1914
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33100	History of Gender in America
HIST 33200	A Biography of the Constitution
HIST 33300	The American West 1830-1960
HIST 33400	History of Race in America
HIST 34100	Church and State in Early Modern Europe
HIST 34200	The Civilization of Industrialism
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century
HIST 36100	Missionaries, Militaries and Merchants in the Early Modern World
HIST 36200	The Atlantic World

HIST 36300	Revolution in the Modern World
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One course selected from the following options:

GEO 10100	World Regional Geography
GEO 10200	Concepts of Geography
GEO 10300	Human Geography
GEO 11500	Physical Geography
GEO 20000	Introduction to Geographic Information Systems
GEO 20700	World Economic Geography
GEO 28000-28099	Special Topics
GEO 28100-28199	Special Topics
GEO 28200-28299	Special Topics
GEO 30000	Advanced Topics in Geographic Information Systems (GIS)
GEO 30100	World Historical Geography

One course selected from the following options after consultation with your history advisor:

EDU 41000	Student Teaching
HIST 30100	Applied History
HIST 40100	History Internship

Minor in Social Science

This minor is recommended for students majoring in history who are seeking certification to teach social studies at the secondary level. See a history advisor about this minor.

ANT 11200	Cultural Anthropology
ECON 23010	Survey of Economics
PS 15600	American Government: The States
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

One of the following:

GEO 10100	World Regional Geography
GEO 10200	Concepts of Geography

One of the following:

HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation

One of the following:

ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 32400	Magic, Witchcraft, and Religion
ANT 32700	Environmental Anthropology
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33037	Current Economic and Social Policy
ECON 33060	History of Economic Thought
GEO 10300	Human Geography

GEO 20000	Introduction to Geographic Information Systems
IR 35000	International Relations Theory
PS 31000	Congress, the Presidency, and the Party System
PS 20000	Methods for Political Science
SOC 30400	The Sociology of Gender Roles
SOC	Race, Ethnicity, and Gender: A Global Perspective
31800/ANT	
31800	
SOC	Sociocultural Theory
42000/ANT	
42000	

Notes: (1) The total number of credit hours required for secondary education certification is dependent on the student's major content area, as degree requirements in content areas vary.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

(3) HIS or HIST special topics courses at or above the 30000-level may satisfy program distribution requirements at the discretion of the advisor.

MATHEMATICS, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

92 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33100	Secondary Methods of Teaching Mathematics
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

One of the following:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Bachelor of Arts in Mathematics

CSC 14400	Computer Science I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
MTH 33000	Geometry
PHY 30100	General Physics I

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
DSCI 11000	Introduction to Data Science

Math Elective Courses (six credit hours)

Students must complete six credit hours of mathematics coursework selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis
MTH 35100	Numerical Methods
MTH 36100	Partial Differential Equations
MTH 37000	Advanced Calculus
MTH 38900	Undergraduate Research
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

Education Certification Preparation (Grades K-12)

Students seeking (Grades K-12) certification must (1) earn a bachelor of arts, in one of the content areas listed below and (2) complete the requirements for a minor in education (Grades K-12).

Note that students seeking (Grades K-12) certification or secondary education (Grades 9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area.

International students or students who have completed high school outside of the United States are also required to complete coursework in the following areas:

- English composition, two courses, each a minimum of three credit hours
- U.S. history, three credit hours
- U.S. (National) government, three credit hours

Education Certification Content Areas K-12

The Department of Teacher Education offers the following emphasis areas for students seeking certification in education (Grades K-12). Certification in the emphasis area requires the completion of the appropriate BA program.

- Art and Design
- Music, BA Instrumental certification
- Music, BA Vocal/Choral certification
- Physical Education
- Spanish

ART AND DESIGN, BA K-12 EDUCATION CERTIFICATION PREPARATION

95 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 23300	Elementary Art Methods
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33300	Secondary Methods of Teaching Art
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences

EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Foundation

AAD 10000	Introduction to Art and Design
AAD 10050	Introduction to Web Design
AAD 10600	Design I
AAD 12000	Digital Foundations
AAD 13000	Drawing I
AAD 13600	Design II
AAD 14000	Visual Storytelling
AAD 18101	Digital Photography I
AAD 20000	Painting I
AAD 21500	Printmaking I
AAD 22100	Sculpture I
AAD 23400	Fibers I
AAD 24100	Ceramics I
ARTH 22200	History of Western Art to 1300
ARTH 22400	History of Western Art from 1300
ARTH 22600	History of Non-Western Art

One of the following courses:

AAD 33000	Drawing II
AAD 33100	Figure Drawing I

MUSIC, BA K-12 EDUCATION INSTRUMENTAL CERTIFICATION PREPARATION

100 credit hours

Requirements

For students seeking K-12 certification in instrumental music, the Bachelor of Arts in Music can be combined with a minor in education. This program requires a minimum GPA of 3.0 for the following courses:

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology

EDU 32300	Methods of Teaching Elementary School Music
EDU 33800	Secondary Methods of Teaching Music
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Notes: (1) The total number of credit hours required for K-12 certification is dependent on the student's major content area.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Foundation

MUS 10101	First Year Seminar in Music
MUS 10200	Concert/Recital Attendance
MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 21600	Piano Proficiency III
MUS 22100	Woodwind Techniques
MUS 22200	Brass Techniques
MUS 22300	Percussion Techniques
MUS 22400	String Techniques
MUS 22600	Guitar Techniques
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
MUS 36000	Instrumental Composition and Arranging
MUS 36500	Band and Orchestra Techniques
MUS 38300	Introduction to Conducting
MUS 38400	Advanced Conducting-Instrumental

Note: MUS 35500, MUS 35600, and MUS 35700 may be used to satisfy the GE-Human Culture: Arts/Human Diversity requirement.

Private Lessons

Three credit hours selected from the following options:

MUS 104XX	Private Lessons
MUS 204XX	Private Lessons

Three credit hours selected from the following options:

MUS 304XX	Private Lessons
MUS 404XX	Private Lessons

Ensemble

Six credit hours of large instrumental ensemble selected from the following options:

MUS 209XX	Large Ensemble - Instrumental
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Capstone

MUS 48800	Senior Recital
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The Bachelor of Arts in music with minor in education program also requires the following:

- A three-credit hour U.S. Government course.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of student teaching.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

Vocal/Choral Endorsement

Adding a vocal/choral endorsement to this program requires a minimum GPA of 3.0 for the following courses: two credit hours of MUS 110XX-MUS 210XX; four credit hours of MUS 12400, MUS 12500, and/or private voice lessons; MUS 37000; MUS 37500; MUS 37900; and MUS 38500.

MUSIC, BA K-12 EDUCATION VOCAL/CHORAL CERTIFICATION PREPARATION

98 credit hours

Requirements

For students seeking K-12 certification in vocal/choral music, the Bachelor of Arts in music can be combined with a minor in education. This program requires a minimum GPA of 3.0 for the following courses:

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I

EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 32300	Methods of Teaching Elementary School Music
EDU 33800	Secondary Methods of Teaching Music
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Notes: (1) The total number of credit hours required for K-12 certification is dependent on the student’s major content area.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Foundation

MUS 10101	First Year Seminar in Music
MUS 10200	Concert/Recital Attendance
MUS 14100	Music Theory I
MUS 21400	Piano Proficiency I
MUS 21500	Piano Proficiency II
MUS 21600	Piano Proficiency III
MUS 24200	Music Theory II
MUS 25000	Introduction to Music Technology
MUS 32500	Keyboard Techniques
MUS 35500	History of Western Music I
MUS 35600	History of Western Music II
MUS 35700	World Music
MUS 37000	Choral Composition and Arranging
MUS 37500	Choral Techniques and Literature
MUS 37900	Vocal Pedagogy and Literature
MUS 38300	Introduction to Conducting
MUS 38500	Advanced Conducting-Choral

Note: MUS 35500, MUS 35600, and MUS 35700 may be used to satisfy the GE-Human Culture: Arts/Human Diversity requirement.

Private Lessons

Three credit hours selected from the following options:

MUS 10462	Private Lessons: Voice
MUS 20462	Private Lessons: Voice

Three credit hours selected from the following options:

MUS 30462	Private Lessons: Voice
MUS 40462	Private Lessons: Voice

Ensemble

Six credit hours of large choral ensemble selected from the following options:

MUS 210XX	Large Ensemble - Choral
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Capstone

MUS 48800	Senior Recital
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The Bachelor of Arts in music with minor in education program also requires the following:

- A three-credit hour U.S. Government course.
- Enrollment in MUS 10200 each semester of full-time enrollment, excluding the semester of student teaching.
- A minimum cumulative GPA of 2.75.
- Passing scores on periodic assessments of program-level student learning outcomes, including the Piano Proficiency Exam.

Instrumental Endorsement

Adding an instrumental endorsement to this program requires a minimum GPA of 3.0 for the following courses: two credit hours of MUS 109XX-MUS 209XX; two credit hours of private instrumental lessons; MUS 22100, MUS 22200, MUS 22300, MUS 22400, and MUS 22600; MUS 36000; MUS 36500; and MUS 38400.

PHYSICAL EDUCATION, BA K-12 EDUCATION CERTIFICATION PREPARATION

98 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34000	Secondary Methods of Teaching Physical Education
EDU 34100	Education of the Exceptional Child

EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Select one of the following oral communications courses:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Notes: (1) The total number of credit hours required for K-12 certification is dependent on the student's major content area.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

Course requirements for K-12 certification in physical education are as follows:

BSC 10000	Concepts in Biology
EDU 32315	Methods of Elementary Physical Education
EDU 32320	Methods of Intermediate Physical Education
EDU 32500	Perceptual Motor Development
EXS 24000	Nutrition Throughout the Lifecycle
EXS 31500	Physiology of Exercise
EXS 32500/HS 54300	Biomechanics
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20400	Care and Prevention
HFS 20500	Fitness and Wellness Concepts
HFS 20600	Care and Prevention Lab
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30500	Measurement and Evaluation in Physical Education
HFS 40000	Adapted Physical Education
PE 15000	Foundations of Physical Education
PE 33000	Psychological Aspects of Physical Education
PSY 10000	Principles of Psychology

One of the following courses:

BSC 22700	Human Anatomy and Physiology I
HFS 20700	Human Anatomy and Physiology

Plus three credit hours of coursework in Team or Lifetime Sports (at least one course in Dance) selected from the following list of courses:

Team Sports

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf

Lifetime Sports

PE 11200	Trap/Skeet Shooting
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12200	Orienteering
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13600	Scuba
PE 13700	Archery
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 14400	Camping
PE 14500	Bicycling
PE 14800	Hiking
PE 14900	Canoeing
PE 15100	Table Tennis
PE 15200	Rappelling
PE 15300	Officiating of Team Sports
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 15800	Fishing and Fly Tying
PE 15900	Advanced Fishing and Fly Tying
PE 16100	Outdoor Education
PE 20300	Adventure Education and Leadership
PE 26200	Marathon Course

Dance (Choose one of the following):

DAN 10010	Ballet I: Beginning Level
DAN 10020	Contemporary I: Beginning Level
DAN 10030	Jazz I: Beginning Level
DAN 10040	Tap I: Beginning Level
DAN 10100	Introduction to Dance
DAN 17100	Dance as an Art

SPA 20200	Intermediate Spanish II
SPA 25000	Multiculturalism and Multilingualism
SPA 30500	Advanced Spanish Language
SPA 31000	Hispanic Cultures I
SPA 32500	Hispanic Texts I
SPA 34400/ENGL 34400	LatinX Literature
SPA 41000	Hispanic Cultures II
SPA 42500	Hispanic Texts II

SPANISH, BA K-12 EDUCATION CERTIFICATION PREPARATION

90 credit hours

Requirements

Education Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 33200	Secondary Methods of Teaching Modern Languages
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

Notes: (1) The total number of credit hours required for K-12 certification is dependent on the student’s major content area.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

One of the following:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

Requirements

SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SPA 20100	Intermediate Spanish I

Native speakers of Spanish and highly competent students may be waived up to 15 credit hours of required courses in the language sequence: SPA 10100, SPA 10200, SPA 20100, SPA 20200, and SPA 30500. Such students must take as many upper-level courses as needed to complete the 39 credit hours required for the major and consult with Spanish faculty.

One of the following options:

Option One:

SPA 36000	Spanish Internship I
SPA 46000	Spanish Internship II

Option Two:

This option is unavailable to native speakers of Spanish.

SPA 36000	Spanish Internship I
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One course from the following during Summer Study Abroad:

SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar

Option Three:

Study abroad in Costa Rica, Spain, or Uruguay.

This option is unavailable to native speakers of Spanish. Prerequisite for semester-long study abroad: SPA 31000 and SPA 32500 with a C or better, or permission of the dean.

12 credit hours

SPA 31300	Advanced Spanish Composition Workshop
SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar
SPA 32117	Special Topics: Culture

Special Education

SPECIAL EDUCATION, BA K-12

84 credit hours

Students will need to complete the coursework and pass the Missouri Content Assessment for SPED K-12 Mild and

Moderate Cross Categorical in order to be eligible for student teaching and a recommendation for certification.

Requirements

EDS 30200	Behavior Management
EDS 31610	Speech and Language Development, Acquisition, and Intervention
EDS 33000	Introduction and Methods of Teaching Children with Disabilities in Cross-Categorical Settings
EDS 33700	Special Education Counseling
EDS 34000	Career Development
EDS 35000	Practicum for Teaching Children with Disabilities in Cross-Categorical Settings
EDS 35700	Remediation in Elementary Math
EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 24600	Children's Literature
EDU 30500	Elementary Reading Methods
EDU 30600	Elementary School Language Arts Methods
EDU 30910	Instructional Strategies, Techniques and Analysis of Literacy with Practicum
EDU 31310	Instructional Design in Math, Science and Social Studies
EDU 32200	Elementary Classroom Teaching and Technology
EDU 32400	Assessment of Intellectual Skills
EDU 34100	Education of the Exceptional Child
EDU 34410	Elementary School Differentiation and Classroom Management with Field Experiences
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching
ESOL 44000	TESOL Methods

SPECIAL EDUCATION, BA K-12 CROSS-CATEGORICAL MINOR/ADD-ON CERTIFICATION

Requirements

In addition to completing the initial professional teacher certification program requirements, students seeking cross-categorical special education (Grades K-12) certification minor or add-on certification must complete the following courses:

One of the following:

MTH 14800	Mathematical Structures for Teachers I
MTH 15100	College Algebra and
MTH 14900	Mathematical Structures for Teachers II

Special Education Add-On Minor

EDS 30200	Behavior Management
EDS 31610	Speech and Language Development, Acquisition, and Intervention
EDS 33000	Introduction and Methods of Teaching Children with Disabilities in Cross-Categorical Settings
EDS 33700	Special Education Counseling
EDS 34000	Career Development
EDS 35000	Practicum for Teaching Children with Disabilities in Cross-Categorical Settings
EDS 35700	Remediation in Elementary Math
EDU 20200	Psychology of Teaching and Learning
EDU 30500	Elementary Reading Methods
EDU 30910	Instructional Strategies, Techniques and Analysis of Literacy with Practicum
EDU 31310	Instructional Design in Math, Science and Social Studies
EDU 32400	Assessment of Intellectual Skills
EDU 34100	Education of the Exceptional Child

One of the following:

EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 32200	Elementary Classroom Teaching and Technology

Note: Courses above may require prerequisites.

Education Minors Offered

The School of Education offers the following minors:

- Minor in education (non-certification)
- Minor in education (K-12)
- Minor in secondary education (9-12)
- Minor in special education*

*For information about the minor in special education, refer to *Special Education* (p. 128).

EDUCATION MINOR (NON-CERTIFICATION)

22 credit hours

Requirements

The minor in education without certification is designed for students who do not wish teacher certification but are pursuing a career path in a field in which they may be working with school age children.

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 30710	Content Literacy for Diverse Learners
EDU 34100	Education of the Exceptional Child
EDU 38700	Reading/Writing across Curriculum

In addition, students must take nine credit hours of education electives.

One of the following:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

EDUCATION MINOR (K-12) AND SECONDARY EDUCATION (9-12)

39 credit hours

Requirements

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 30710	Content Literacy for Diverse Learners
EDU 32100	Middle/High School Classroom Teaching and Technology
EDU 34100	Education of the Exceptional Child
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 40400	Advanced Measurement and Evaluation to Enhance Learning
EDU 41000	Student Teaching

One of the following:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

In addition, students seeking K-12 certification or secondary education (9-12) certification must take at least one methods of teaching course (selected from EDU 27600 through EDU 34000), as determined by the student's content area.

Notes: (1) The total number of credit hours required for secondary education certification is dependent on the student's major content area.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

Non-Certification Degrees

EDUCATIONAL STUDIES, BA

An educational studies degree is designed for those students who want to work in an educational field that does not require certification. Those students would meet the same admissions criteria and complete the same requirements as those admitted to the teacher education program with the exception of student teaching and passage of the state-mandated exit assessment. This university degree does not serve as a license to teach.

Requirements

Core courses

EDU 11110	Orientation to Educational Experiences with Field Experiences
EDU 20200	Psychology of Teaching and Learning
EDU 21501	Teacher Education Seminar I
EDU 34100	Education of the Exceptional Child

Recommended Early Childhood Education Electives

EDU 31400	Utilizing Family and Community Resources
EDU 31700	Introduction to Early Childhood/Early Childhood Special Education
EDU 32500	Perceptual Motor Development
EDU 32700	Early Childhood Cognitive Curriculum Concepts
EDU 32900	Creative Curriculum Materials for Early Childhood/Early Childhood Special Education Programs
EDU 34410	Elementary School Differentiation and Classroom Management with Field Experiences
EDU 35100	Early Childhood Screening, Diagnosing and Prescribing Instruction

Recommended Elementary Education Electives

EDU 24600	Children's Literature
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EDU 30500	Elementary Reading Methods
EDU 30600	Elementary School Language Arts Methods
EDU 30910	Instructional Strategies, Techniques and Analysis of Literacy with Practicum
EDU 31310	Instructional Design in Math, Science and Social Studies
EDU 34410	Elementary School Differentiation and Classroom Management with Field Experiences
EDU 34510	Pre K-8 Health, Physical Education, and the Arts

Recommended Middle School, K-12, and Secondary Education Electives

EDU 30710	Content Literacy for Diverse Learners
EDU 34310	Middle/High School Differentiation and Classroom Management with Field Experiences
EDU 38700	Reading/Writing across Curriculum
EDU 38800	Middle School Psychology
EDU 38910	Middle School Philosophy, Curriculum, and Instruction

One of the following:

COM 10500	Group Dynamics and Effective Speaking
COM 11000	Fundamentals of Oral Communication
SW 20000	Intercultural Communication

In addition, students seeking K-12 certification or secondary education (9-12) certification must take at least one methods of teaching course (selected from EDU 27600 through EDU 34000), as determined by the student's content area.

Notes: (1) The total number of credit hours required for secondary education certification is dependent on the student's major content area.

(2) Students in secondary education (9-12) and K-12 certification programs must officially declare a minor in either secondary education (9-12) or education (K-12) in order to be recognized for the additional educational coursework completed.

Social Work Program

Carla Mueller, EdD, Chair

The Social Work program offers a Bachelor of Social Work (BSW) that prepares graduates for generalist (entry level) social work practice, helping people help themselves. The degree focuses on social work values and ethics, diversity, social and economic justice, populations-at-risk, and practice at the individual, group, family,

organizational, community, and societal levels (micro, mezzo, and macro levels).

A social work degree program provides students with the knowledge, skills, and values necessary for advanced standing into CSWE-accredited graduate schools. Leadership, integrity, cultural humility, critical thinking, effective communication skills, and a concern for the welfare and well-being of others are core values in the social work profession, with a primary goal of serving marginalized populations in need of social services. Social workers provide support, resource development, and guidance for vulnerable people across the life span. Social workers advocate for change in families, groups, communities, and societies. Students will develop their skills in providing a wide range of services in a wide range of fields of practice. Upon completion of the social work degree, students are prepared for generalist social work employment and advanced standing in CSWE-accredited Master of Social Work programs.

The social work program does not grant academic credit for life experience or previous work experience.

The social work program has been accredited by the Council on Social Work Education (CSWE) since 2005.

Formal admission to the social work program is required in order to enroll in courses in the practice sequence: SW 41000, SW 41100, and SW 41200, and the field practicum, SW 45000.

Students are formally admitted to the major in social work through an application procedure available from the social work program chair. Students intending to become fully admitted into the social work major should contact the social work program chair to obtain complete information regarding admission to the program.

SOCIAL WORK, BSW

59 credit hours

Requirements

The bachelor's degree in social work requires the following courses:

SW 11000	Introduction to Social Work
SW 11500	Social Service Agency Observation
SW 20000	Intercultural Communication
SW 24000	Human Diversity and Social Justice
SW 32000	Social Welfare Policy and Services I
SW 32100	Social Welfare Policy and Services II
SW 37000	Human Behavior in the Social Environment I
SW 37100	Human Behavior in the Social Environment II
SW 40500	Service Learning

SW 41000	Social Work Practice I
SW 41100	Social Work Practice II
SW 41200	Social Work Practice III
SW 42500	Social Work Research Methods I
SW 42600	Social Work Research Methods II
SW 45000	Field Practicum and Seminar

Three credit hours of 30000-level social work (SW) elective coursework is required.

Also required are:

PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology

SOCIAL WELFARE MINOR

21 credit hours

Requirements

A minor in social welfare requires 21 credit hours of coursework including:

SW 11000	Introduction to Social Work
SW 24000	Human Diversity and Social Justice
SW 32000	Social Welfare Policy and Services I
SW 32100	Social Welfare Policy and Services II
SW 37000	Human Behavior in the Social Environment I
SW 37100	Human Behavior in the Social Environment II

Plus three additional credit hours in any other social work (SW) courses.

SCHOOL OF HEALTH SCIENCES

Cynthia Schroeder, PhD, Dean

Mission

The School of Health Sciences provides students with cutting-edge academic and experiential learning opportunities to prepare graduates as life-long learners in their chosen allied health profession.

The School of Health Sciences is comprised of the following departments and offers the following degree programs and minors in each department:

Athletic Training Department

- Athletic Training, BS

Exercise Science Department

- Exercise Science, BS

Paramedicine Department

- Paramedicine, BS Traditional Student Track
- Paramedicine, BS Experienced Paramedic Track
- Paramedicine, BS Experienced Paramedic Track Online

Physical Education, Wellness, and Recreation Department

- Fitness and Wellness Management, BS
- Physical Education, BA K-12 Education Certification
- Physical Education, BS
- Recreation, Sport, and Tourism Management, BA
- Recreation, Sport, and Tourism Management, BA General Recreation Emphasis
- Recreation, Sport, and Tourism Management, BA Outdoor and Adventure Education Emphasis
- Therapeutic Recreation, BS

Public Health Department

- Public Health, BS Cell Science and Biology Emphasis
- Public Health, BS Community and Population Health Emphasis

Health Science Minors

- Adapted Sport and Recreation Minor
- Coaching Minor
- Health and Wellness Minor
- Nutrition Minor
- Outdoor Leadership Minor

- Pre-Medical Sciences Minor
- Pre-Nursing Minor
- Public Health Minor
- Recreation Administration Minor
- Strength and Conditioning Minor

Athletic Training Department

Lindenwood University offers a Bachelor of Science in athletic training, and the program is accredited by the Commission on Accreditation of Athletic Training Education (CAATE). The program received its original accreditation in 2003, and it was recently re-accredited in 2019 with the maximum allowed ten-year accreditation period. This program is designed to prepare athletic training students to succeed on the Board of Certification (BOC) examination and become Certified Athletic Trainers. Lindenwood University's average first time pass rate over the past three years (2017-2019) is 78 percent.

The undergraduate athletic training program utilizes a secondary application process for admission, and the program will be accepting its final cohort in the Fall 2020 Semester. First time freshman entering Lindenwood University for the 2020-2021 academic year will NOT be eligible for the undergraduate athletic training program. The final cohort will consist of current students and transfer students who have already completed the program's entrance requirements and secondary application process. This includes the completion of a formal application; the completion of HFS 18500 (Medical Terminology), HFS 21500 (Introduction to Health and Fitness Sciences), and BSC 22700 (Human Anatomy and Physiology I) with a C or better; and 50 documented hours of observation with an athletic trainer.

Students accepted into the program must meet the following retention criteria to remain in good standing and progress within the program:

1. Minimum overall GPA of 2.75.
2. Minimum GPA of 3.00 for all curriculum courses.
3. C or better in all courses in the curriculum.
4. Successful completion of all Clinical Practicum courses.

Lindenwood University utilizes a highly integrated educational model with rigorous coursework combined with clinical observations and experiences to best prepare the athletic training student for professional success. In addition to the required coursework, athletic training students must complete a minimum of 900 contact hours with a preceptor, clinical instructor and/or a certified athletic trainer. Students are challenged on a daily basis in

the classroom, and trained preceptors continually motivate and encourage students to apply their knowledge in simulated and authentic scenarios. With the vast number of athletic programs offered at Lindenwood University, the athletic training student is provided with more on-campus clinical diversity than nearly any other program in the country.

ATHLETIC TRAINING, BS

101-102 credit hours

Requirements

AT 25000	Clinical Practicum I
AT 26000	Clinical Practicum II
AT 28000	Introduction to Athletic Training Lab
AT 30000	Principles of Rehabilitation
AT 30100	Therapeutic Exercise and Rehabilitation of Athletic Injuries
AT 30200	Assessment of Athletic Injuries-Lower Body
AT 30300	Assessment of Athletic Injuries-Upper Body
AT 30400	Therapeutic Modalities
AT 35000	Clinical Practicum III
AT 36000	Clinical Practicum IV
AT 38000	Therapeutic Exercise and Rehabilitation of Athletic Injuries Lab
AT 38100	Assessment of Athletic Injuries-Lower Body Lab
AT 38200	Assessment of Athletic Injuries-Upper Body Lab
AT 38600	Therapeutic Modalities Lab
AT 43100	Organization and Administration of Athletic Training
AT 43200	Pharmacology
AT 43300	Pathology of Non-Orthopedic Injuries and Illness
AT 43800	Senior Seminar
AT 45000	Clinical Practicum V
AT 46000	Clinical Practicum VI
BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
EXS 24000	Nutrition Throughout the Lifecycle
EXS 31500	Physiology of Exercise
EXS 31600	Physiology of Exercise Lab
EXS 32500/HS 54300	Biomechanics
EXS 34000	Nutrition for Performance
EXS 36000	Exercise Principles for Optimal Performance
HFS 18500	Medical Terminology
HFS 20400	Care and Prevention

HFS 20500 Fitness and Wellness Concepts
 HFS 20600 Care and Prevention Lab
 PE 33000 Psychological Aspects of Physical Education

PSY 10000 Principles of Psychology

One of the following:

AT 28500 Introduction to Athletic Training
 HFS 21500 Introduction to Health and Fitness Sciences

One of the following:

BSC 10000 Concepts in Biology
 BSC 24400 Introduction to Cellular and Molecular Biology

One of the following:

CHM 10000 Concepts in Chemistry
 CHM 23000 General Chemistry I

One of the following:

MTH 14100 Basic Statistics
 MTH 24100 Statistics for Natural Science

One of the following:

MTH 15100 College Algebra
 MTH 15200 Pre-calculus: Elementary Functions

See an athletic training advisor for further information.

Exercise Science Department

Exercise science is a scientific program of study that focuses on the anatomy, physiology, biochemistry, human movement, and applications to exercise and therapeutic rehabilitation. Examples of coursework include instruction in clinical exercise physiology, exercise physiology, biomechanics, fitness assessment and exercise prescription, energy sources, and strength and conditioning.

Exercise science prepares qualified professionals for employment in health and fitness centers, hospital-based health and wellness programs, corporate based health and wellness programs, cardiac rehabilitation, strength and conditioning, and allied health areas. Additionally, the program prepares students for advanced study in related fields such as exercise physiology, biomechanics, occupational therapy, physical therapy, physician assistant, medicine, and chiropractic medicine.

Students must meet the minimum criteria listed below.

- Admission to Lindenwood University.
- Declaration of exercise science as a major.
- C or better on all prerequisites and core content courses.

Notes: Students must be within 12 credit hours of graduation to register for an internship and must have completed EXS 41000 prior to enrolling in HFS 45000 Internship.

Early Access

Students with an undergraduate GPA of 3.0 or higher may take up to seven semester hours at the graduate level during the last 12 credits of their undergraduate degree program. These hours will count toward the Master of Science in Health Sciences but not toward the bachelor's degree. The early access option requires that the student be enrolled in at least 12 semester hours of undergraduate classes while he or she is taking health sciences courses under this option. Students in the early access program must maintain a 3.0 in all master's credits.

EXERCISE SCIENCE, BS

72-73 credit hours

Requirements

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
EXS 24000	Nutrition Throughout the Lifecycle
EXS 27500	Research Methods and Data Interpretation
EXS 31500	Physiology of Exercise
EXS 31600	Physiology of Exercise Lab
EXS 31700	Advanced Exercise Physiology
EXS 32500/HS 54300	Biomechanics
EXS 36000	Exercise Principles for Optimal Performance
EXS 38700	Exercise Testing
EXS 38800	Exercise Testing Lab
EXS 41000	Exercise Prescription and Implementation
EXS 43000	Physical Activity for Specific Populations
HFS 21500	Introduction to Health and Fitness Sciences
HFS 33000/REC 41000	Recreation, Sport, and Fitness Administration
PSY 10000	Principles of Psychology

Six or more credit hours of the following, three credit hours of which must be an internship:

EXS 33500	Independent Research
EXS 44100	Research Internship
HFS 35000/REC 38500	Practicum
HFS 45000	Internship

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One of the following:

MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions

One of the following:

BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology

One of the following:

CHM 10000	Concepts in Chemistry
CHM 23000	General Chemistry 1

Plus: Six credit hours from the School of Health Sciences at 20000-level or higher.

See an exercise science advisor.

Paramedicine Department

The Bachelor of Science in paramedicine degree program is designed to develop a bachelor prepared paramedic that is ready to meet the needs of the profession. The program has specific emphasis areas to prepare the paramedic for a career in fire service-based paramedicine, paramedic education, healthcare administration, public health, criminal justice or independent study. Students who wish to pursue a graduate medical degree in order to become a physician or physician assistant can select a minor in pre-medical sciences. Students are eligible for one of two tracks and then have a choice of either an emphasis or a minor in pre-medical sciences or other approved minor by the department.

Traditional Student Track – This track is for students who have no previous paramedic training and are receiving initial paramedicine education and training in order to be eligible for licensure as a paramedic. Students in this track will complete prerequisite courses during their first years in the program, and then apply to the upcoming paramedic cohort by the department specified deadline. Once accepted into the paramedic cohort, students will follow a prescribed sequence of courses.

Experienced Medic Track – This track is for licensed paramedics or military medics who wish to continue their paramedic education at the baccalaureate level. Experienced medics must have a current state paramedic license, or National Registry paramedic certification, or documented training and two years full time equivalent experience as a United States Military Medic. Military Medics without a current state paramedic license or National Registry paramedic certification must have current National Registry Emergency Medical Technician certification or current state EMT licensure. These military medics must complete an accelerated paramedic program on campus, Military Transition Paramedic program at Lindenwood University that will provide eligibility to apply for National Registry Paramedic certification.

Additional non-academic requirements for students participating in paramedicine courses with a clinical component, the fire academy or the police academy include obtaining and maintaining American Heart

Association Healthcare Provider certification, successful completion of a criminal background check, a negative drug screening (which must be passed the first time) and a physical examination indicating the ability to meet the functional job requirements for a paramedic, firefighter, or police officer. Students will also be required to show proof of appropriate immunizations.

PARAMEDICINE, BS TRADITIONAL STUDENT TRACK

91-103 credit hours

Requirements

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
HFS 18500	Medical Terminology
PARA 20000	Foundations of Paramedicine
PARA 21000	Paramedic Operations
PARA 22000	Emergency Medical Technician
PARA 22100	Emergency Medical Technician Clinical
PARA 30000	Human Pathophysiology
PARA 31000	Pharmacology
PARA 32000	Physical Examination and Assessment
PARA 33000	Paramedic Airway Management
PARA 34000	Medical Documentation
PARA 35000	Cardiovascular Paramedicine
PARA 36000	Internal Paramedicine
PARA 37000	Special Populations in Paramedicine
PARA 38000	Trauma Paramedicine
PARA 38800	Paramedicine Clinical I
PARA 38900	Paramedicine Clinical II
PARA 40000	Paramedic Capstone
PARA 41000	Paramedicine Clinical III
PARA 41100	Paramedic Field Internship
PHS 20000	Foundations of Public Health
PSY 10000	Principles of Psychology
PSY 20500	Human Development

Additional course requirements include:

One of the following:

BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology

One of the following:

CHM 10000	Concepts in Chemistry
CHM 10100	The World of Chemistry
	or

CHM 23000	General Chemistry 1 and
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CHM 23100	General Chemistry 2
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One of the following:

MTH 14100 Basic Statistics

MTH 24100 Statistics for Natural Science

Students must also select an emphasis area of 12-15 credit hours or a minor in Pre-Medical Sciences.

Note: All prerequisite, major and emphasis courses must be completed with grades of C or better.

PARAMEDICINE, BS EXPERIENCED PARAMEDIC TRACK

56-77 credit hours prior to required experiential credit hour licensure listed below.

Requirements

- Current State Paramedic license or National Registry Paramedic certification or National Registry Emergency Medical Technician Certification and documented United States Military Medic training or State or National Registry Paramedic Certification and experience.

HFS 18500	Medical Terminology
PARA 30000	Human Pathophysiology
PARA 31000	Pharmacology
PARA 32000	Physical Examination and Assessment

PARA 34000	Medical Documentation
PHS 20000	Foundations of Public Health
PSY 10000	Principles of Psychology
PSY 20500	Human Development

One of the following:

PARA 40100	Capstone for the Licensed Paramedic
PARA 46200	Military Transition Paramedic Capstone

Additional course requirements include:

One of the following:

BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology

One of the following:

BSC 10700	Human Biology
HFS 20700	Human Anatomy and Physiology
PARA 23000	Human Anatomy and Physiology

	or
BSC 22700	Human Anatomy and Physiology I and

BSC 22800	Human Anatomy and Physiology II
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One of the following:

CHM 10000	Concepts in Chemistry
CHM 10100	The World of Chemistry
	or

CHM 23000	General Chemistry 1
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and
 CHM 23100 General Chemistry 2
 One of the following:

MTH 14100 Basic Statistics
 MTH 24100 Statistics for Natural Science

Students must also select an emphasis area of 12-15 credit hours or a minor in pre-medical sciences.

Note: All prerequisite, major and emphasis courses must be completed with grades of C or better.

Military medics without current paramedic certification/licensure will also be required to take:

PARA 46000 Military Transition Paramedic
 PARA 46100 Military Transition Paramedic
 Clinical Practicum

Areas of Emphasis

CRIMINAL JUSTICE EMPHASIS

15 credit hours

Requirements

Emphasis area course is the following:

CCJ 46000 St. Louis County and Municipal
 Police Academy

FIRE SCIENCE EMPHASIS

15 credit hours

Requirements

Emphasis area course is the following:

PARA 45000 Fire Academy

HEALTHCARE ADMINISTRATION EMPHASIS

12 credit hours

Requirements

Emphasis area courses may be selected from the following:

PARA 42000 Healthcare Supervision and
 Management
 PARA 42100 Healthcare Law and Ethics
 PARA 42200 Healthcare Leadership and
 Organizational Behavior

INDEPENDENT STUDY EMPHASIS

12-15 credit hours

Requirements

Students pursuing a Bachelor of Science in paramedicine may earn an emphasis in independent study by completing 12-15 credit hours of coursework with department approval.

PARAMEDIC EDUCATION EMPHASIS

12 credit hours

Requirements

Emphasis area courses may be selected from the following:

PARA 43000 Principles of Adult Education
 PARA 43100 Laboratory Skills Instruction
 PARA 43200 Course Design and Development
 PARA 43300 Student Teaching Practicum

PUBLIC HEALTH EMPHASIS

12 credit hours

Requirements

Emphasis area courses may be selected from the following:

PHS 31000 Introduction to the U.S. Health
 Care System
 PHS 34000 Health Policy
 PHS 36000 Introduction to Epidemiology
 PHS 38000 Evidence-Based Practice in Public
 Health

Physical Education, Wellness, and Recreation Department

The Physical Education, Wellness, and Recreation Department offers degree programs that promote a physically active and healthy lifestyle. Students can pursue secondary education certification in physical education through the state of Missouri through the Bachelor of Arts in Physical Education K-12 program. (For more information on certification programs, see the School of Education.) Additionally, the department offers a Bachelor of Science in physical education for those who wish to pursue coaching or related work outside the K-12 setting.

The department offers a Bachelor of Science in fitness and wellness management, which prepares graduates to work in corporate, community, government, non-profit, and clinical settings as wellness specialist. Students will have the knowledge and skills to implement and evaluate effective wellness programming to help improve the health outcomes for a desired population.

The Recreation, Sport, and Tourism Management program promotes healthy lifestyles in society by developing

students' understanding and ability to plan, organize, and facilitate challenging and rewarding recreation and leisure experiences in preparation for future careers in leisure services. Students will learn about human behavior, public policy, social issues, and how to manage facilities and resources to enhance the quality of life for individuals and communities. Students will gain the knowledge and skills needed for entry-level positions in private, nonprofit, and public recreation organizations on the local, state/regional, and national/federal level as well as be prepared for further study in graduate school in a variety of disciplines. The degree program offers the following emphasis areas: general recreation and outdoor and adventure education.

The undergraduate curriculum for the Therapeutic Recreation program prepares students for applied leadership positions with clinical and community agencies providing a wide variety of health care services. Typical employment agencies include long-term care facilities, residential treatment institutions, hospitals, community centers, outdoor adventure camps, senior centers and retirement complexes, wilderness camp facilities, juvenile detention centers, universities, community-based inclusion programs, Paralympic and Special Olympics, and drug and alcohol treatment centers. The Therapeutic Recreation program provides a firm foundation of classes and hands-on learning experiences designed to help students develop skills in assessment, planning, programming, leadership, and evaluation. The coursework and classroom learning experiences prepare students to sit for the CTRS (Certified Therapeutic Recreation Specialist) credential administered through the NCTRC (National Council for Therapeutic Recreation Certification).

FITNESS AND WELLNESS MANAGEMENT, BS

55-57 credit hours

This includes specific required General Education courses.

Requirements

BSC 10000	Concepts in Biology
EXS 24000	Nutrition Throughout the Lifecycle
EXS 36000	Exercise Principles for Optimal Performance
HFS 20400	Care and Prevention
HFS 20500	Fitness and Wellness Concepts
HFS 20700	Human Anatomy and Physiology
HFS 30000	Health and Well-Being in Society
HFS 33000/REC 41000	Recreation, Sport, and Fitness Administration
HFS 34000	Mental Health and Resiliency Techniques

HFS 35000/REC 38500	Practicum
PE 33000	Psychological Aspects of Physical Education
PHS 34000	Health Policy
PHS 37000	Health Promotion
PSY 10000	Principles of Psychology
PSY 32100	Health Psychology
REC 31000	Inclusive and Therapeutic Recreation
REC 36200	Program Design and Event Management

One of the following:

EXS 25000	Foundations of Sport and Exercise Science
HFS 21500	Introduction to Health and Fitness Sciences
PHS 20000	Foundations of Public Health

PHYSICAL EDUCATION, BA K-12 EDUCATION CERTIFICATION PREPARATION

Students seeking (Grades K-12) certification must (1) earn a bachelor of arts in physical education and (2) complete the requirements for a minor in education (Grades K-12).

Note that students seeking (Grades K-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. See the requirements in the School of Education section of this catalog. (p. 126)

PHYSICAL EDUCATION, BS

59 credit hours

Requirements

BSC 10000	Concepts in Biology
EXS 24000	Nutrition Throughout the Lifecycle
EXS 31800	Strategies for Effective Coaching
EXS 36000	Exercise Principles for Optimal Performance
HFS 16000	First Aid/CPR/Sport Injuries
HFS 20500	Fitness and Wellness Concepts
HFS 20700	Human Anatomy and Physiology
HFS 22000	Motor Learning and Rhythmic Activity
HFS 30000	Health and Well-Being in Society
HFS 33000/REC 41000	Recreation, Sport, and Fitness Administration

HFS 34000	Mental Health and Resiliency Techniques
MTH 14100	Basic Statistics
PE 20300	Adventure Education and Leadership
PE 33000	Psychological Aspects of Physical Education
PSY 10000	Principles of Psychology

One of the following:

EXS 25000	Foundations of Sport and Exercise Science
HFS 21500	Introduction to Health and Fitness Sciences
PE 15000	Foundations of Physical Education

One of the following:

EXS 32500/HS 54300	Biomechanics
HFS 31000	Kinesiology of Physical Education

One of the following:

HFS 40000	Adapted Physical Education
REC 32000	Adapted Sports and Therapeutic Recreation Activities

One of the following:

PE 42052	Practicum in Coaching Baseball/Softball
PE 42053	Practicum in Coaching Track and Field
PE 42054	Practicum in Coaching Volleyball
PE 42055	Practicum in Coaching Soccer
PE 42056	Practicum in Coaching Weight Training
PE 42057	Practicum in Coaching Wrestling
PE 42058	Practicum in Coaching Aquatic Sports
PE 42059	Practicum in Adaptive Sports

See a physical education major advisor.

RECREATION, SPORT, AND TOURISM MANAGEMENT, BA GENERAL RECREATION EMPHASIS

56-67 credit hours

Requirements

HFS 21500	Introduction to Health and Fitness Sciences
HFS 24300	Professional Associations and Conferences
NPA 30300	Human Resource Management
REC 20300	Adventure Education and Leadership
REC 20600	Leisure in Contemporary Society
REC 21400	Cultural Tourism

REC 31000	Inclusive and Therapeutic Recreation
REC 31200	Sports and Society
REC 35000	Tourism and Commercial Recreation
REC 36200	Program Design and Event Management
REC 38100	Recreation Facility Design and Operation Practicum

REC 38500/HFS 35000	
REC 40500	Research Methods in Recreation, Sport and Tourism
REC 41000/HFS 33000	Recreation Organization and Administration
REC 46200	Recreation Senior Seminar
REC 48200	Internship in Recreation, Sport and Tourism

Recreation Professional Exam

Students majoring in Recreation, Sport, and Tourism Management must take the recreation professional exam during their final semester on campus to complete the degree requirements.

General Recreation Emphasis

12 credit hours

Any four courses (12 credit hours) from the following prefixes: art and design (AAD), accounting (ACCT), American studies (AST), biological sciences (BSC), criminology and criminal justice (CCJ), communications (COM), dance (DAN), Earth sciences (ESC), education (EDU), exercise science (EXS), health fitness sciences (HFS), human resource management (HRM), management (MGMT), marketing (MRKT), music (MUS), nonprofit administration (NPA), physical education (PE), public administration (PS), psychology (PSY), recreation, sport, and tourism management (REC), sociology (SOC), sport management (SPMGT), social work (SW), and/or theater (TA). Selection of courses should be in consultation with the student's advisor and may all be in one discipline or several. It is strongly recommended to complete a minor in one of the disciplines above for partial fulfillment of the general recreation emphasis.

Basic Skills Courses (Three credit hours)

Students may apply three credit hours of basic skills courses toward the electives in any emphasis area listed below. Students may also apply an approved REC Special Topics course towards the three credit hour of basic skills courses requirements.

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II

PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 15100	Table Tennis
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 26200	Marathon Course
REC 11300	Wilderness Survival
REC 12000	Shotgun Shooting Skills
REC 12100	Muzzle Loading
REC 12200	Dutch Oven Cooking
REC 12400	Casting and Angling
REC 12500	Land Navigation
REC 12600	Introduction to Team Building
REC 12700	Hunting in Missouri
REC 12800	Caving
REC 13600	Scuba
REC 13700	Archery
REC 14400	Camping
REC 14500	Mountain Biking
REC 14800	Hiking
REC 14900	Canoeing
REC 15200	Rock Climbing

or an approved REC Special Topics courses.

**RECREATION, SPORT, AND TOURISM
MANAGEMENT, BA OUTDOOR AND
ADVENTURE EDUCATION EMPHASIS**

56-67 credit hours

Requirements

HFS 21500	Introduction to Health and Fitness Sciences
HFS 24300	Professional Associations and Conferences
HFS 35000/REC 38500	Practicum
NPA 30300	Human Resource Management
REC 20300	Adventure Education and Leadership
REC 20600	Leisure in Contemporary Society
REC 21400	Cultural Tourism
REC 31000	Inclusive and Therapeutic Recreation
REC 31200	Sports and Society
REC 35000	Tourism and Commercial Recreation
REC 36200	Program Design and Event Management
REC 38100	Recreation Facility Design and Operation
REC 40500	Research Methods in Recreation, Sport and Tourism
REC 41000/HFS 33000	Recreation Organization and Administration
REC 46200	Recreation Senior Seminar
REC 48200	Internship in Recreation, Sport and Tourism

Recreation Professional Exam

Students majoring in Recreation, Sport, and Tourism Management must take the recreation professional exam during their final semester on campus to complete the degree requirements.

Outdoor and Adventure Education Emphasis

12 credit hours

REC 11300	Wilderness Survival
REC 12500	Land Navigation
REC 14600	Backpacking
REC 15700	Recreational Pursuit Resources

Two of the three classes below:

REC 32600	Outdoor Education
REC 34200	Camp Management and Leadership
REC 37000	Adventure Programming Leadership

Basic Skills Courses (Three credit hours)

Students may apply three credit hours of basic skills courses toward the electives in any emphasis area listed below. Students may also apply an approved REC Special Topics course towards the three credit hour of basic skills courses requirements.

PE 10000	Team Sports (Competitive Sports)
PE 10100	Recreational Sports I
PE 10200	Recreational Sports II
PE 10300	Volleyball
PE 10400	Softball
PE 10500	Track and Field
PE 10600	Flag Football
PE 10700	Basketball
PE 10800	Soccer
PE 10900	Wrestling
PE 11000	Golf
PE 12000	Weight Lifting I
PE 12100	Weight Lifting II
PE 12600	Aerobic Fitness
PE 12700	Swimming I
PE 12900	Lifeguarding
PE 13000	Water Aerobics
PE 13100	Bowling
PE 13200	Lifetime Sports
PE 13300	Tennis I
PE 13400	Tennis II
PE 13500	Badminton
PE 13800	Racquetball
PE 13900	Pickleball
PE 14000	Plyometrics
PE 14100	Self Defense I
PE 14200	Cardiovascular Fitness
PE 14300	Self Defense II
PE 15100	Table Tennis
PE 15400	Billiards and Pool
PE 15500	Swimming II
PE 15600	Fencing
PE 15700	Advanced Lifeguarding/Lifesaving
PE 26200	Marathon Course
REC 11300	Wilderness Survival
REC 12000	Shotgun Shooting Skills
REC 12100	Muzzle Loading
REC 12200	Dutch Oven Cooking
REC 12400	Casting and Angling
REC 12500	Land Navigation
REC 12600	Introduction to Team Building
REC 12700	Hunting in Missouri
REC 12800	Caving
REC 13600	Scuba
REC 13700	Archery
REC 14400	Camping
REC 14500	Mountain Biking
REC 14800	Hiking
REC 14900	Canoeing
REC 15200	Rock Climbing

THERAPEUTIC RECREATION, BS

79-90 credit hours

Requirements

HFS 21500	Introduction to Health and Fitness Sciences
PSY 10000	Principles of Psychology
PSY 20500	Human Development
PSY 30300	Abnormal Psychology
REC 20600	Leisure in Contemporary Society
REC 31000	Inclusive and Therapeutic Recreation
REC 31100	Processes & Techniques in Therapeutic Recreation
REC 31300	Professional Issues and Current Trends in Therapeutic Recreation
REC 31400	Assessment Techniques in Therapeutic Recreation
REC 32000	Adapted Sports and Therapeutic Recreation Activities
REC 33300	Program Design and Assessment in Recreation Therapy
REC 38100	Recreation Facility Design and Operation
REC 38500/HFS 35000	Practicum
REC 40500	Research Methods in Recreation, Sport and Tourism
REC 41000/HFS 33000	Recreation Organization and Administration
REC 46200	Recreation Senior Seminar
REC 48200	Internship in Recreation, Sport and Tourism
One of the following:	
BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology
One of the following:	
BSC 22700	Human Anatomy and Physiology I
HFS 20700	Human Anatomy and Physiology

Additional requirements:

Plus 22 credit hours of coursework, nine of which must be at the 30000-level or higher. Choose from AAD, AT, BSC, CCJ, HFS, NPA, PE, PSY, REC, and SW.

Public Health

The Public Health Department offers a Bachelor of Science in public health (with two emphasis areas to select from) that prepares students for positions in health promotion and disease prevention at the local, state, national, or international level. Students are able to work with entire communities or subsets of groups within larger communities to improve health and reduce risk of disease.

This degree prepares students for entry-level positions in non-profit organizations, government, hospitals and health clinics, academic research institutions, and school districts as health educators, research assistants, health communication specialists, evaluation coordinators, data specialists, policy associates, and project assistants. Students receiving this degree are also well-suited to continue their education in programs of Master of Public Health, physician assistant, medicine, and nursing.

PUBLIC HEALTH, BS CELL SCIENCE AND BIOLOGY EMPHASIS

104 - 108 credit hours

Requirements

Core Courses

PHS 20000	Foundations of Public Health
PHS 22000	Public Health and Social Justice
PHS 24000	Global Health
PHS 32500	Social Determinants of Health and Health Equity
PHS 34000	Health Policy
PHS 36000	Introduction to Epidemiology
PHS 38000	Evidence-Based Practice in Public Health
PHS 38500	Biological Basis of Health and Disease
PHS 41000	Population Health Assessment and Diagnosis

Students must pass the above core courses with a C or better.

Emphasis Courses

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 24100	General Chemistry 2 Laboratory
CHM 23200	General Chemistry 3
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
PHS 37000	Health Promotion
PHS 38700	Chronic Disease Prevention

PHY 25100 Introductory Physics I

PHY 25200 Introductory Physics II

Note that this emphasis area requires a minor in biology. Students may additionally opt to complete the four-credit hour CHM 35500 Analytic Chemistry, which would result in a double minor in both biological sciences and chemistry.

The following emphasis area courses may be used to fulfill general education requirements: MTH 17300, MTH 24100, BSC 24400, CHM 23000, CHM 23100, and CHM 24100.

Capstone

The capstone seminar and project requirement includes two, three-credit-hour courses that will be taken during the student's final year of coursework.

PHS 48000 Capstone Seminar and Project I

PHS 48300 Internship

PUBLIC HEALTH, BS COMMUNITY AND POPULATION HEALTH EMPHASIS

75 credit hours

Requirements

Core Courses

PHS 20000	Foundations of Public Health
PHS 22000	Public Health and Social Justice
PHS 24000	Global Health
PHS 32500	Social Determinants of Health and Health Equity
PHS 34000	Health Policy
PHS 36000	Introduction to Epidemiology
PHS 38000	Evidence-Based Practice in Public Health
PHS 38500	Biological Basis of Health and Disease
PHS 41000	Population Health Assessment and Diagnosis

Students must pass the above core courses with a C or better.

Emphasis Courses

PHS 31000	Introduction to the U.S. Health Care System
PHS 31500	Introduction to Community Structure and Organization
PHS 33200	Environmental Health
PHS 35300	Health Communication
PHS 37000	Health Promotion
PHS 38700	Chronic Disease Prevention
PHS 43000	Program Planning for Health Promotion and Prevention

PHS 45000 Program Evaluation in Public Health

Elective Courses (18 credit hours)

Students must also complete 18 credit hours of elective coursework, selected from among the following options, or by approval of advisor.

BSC 12100	Nutrition
EXS 23000	Assessment of Nutritional Status
EXS 24000	Nutrition Throughout the Lifecycle
EXS 31200	Nutrition and Metabolism
NPA 13000	Leadership
NPA 20001	Introduction to Nonprofit Organizations and Community Service
NPA 30000	Fundraising
NPA 37100	Grantwriting
PHS 37500	Lifecourse Perspective on Health
PHS 37600	Advanced Epidemiology
PHS 37700	Advancing Health Literacy in Diverse Populations
PHS 37900	Emergency Preparedness in Public Health
PHS 38100	Health Behavior Change
PHS 38200	Biostatistics for the Health Sciences
PHS 38300	Research Methods in Public Health
PHS 38400	Environmental Health
PHS 38600	Infectious and Communicable Disease Prevention
PHS 38800	Money, Politics and Health Advocacy
PHS 38900	Independent Research
PSY 20500	Human Development
SOC 22000	Social Problems
SOC 31800/ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32100	Urban Sociology
SW 30000	Child Welfare
SW 37000	Human Behavior in the Social Environment I
SW 37100	Human Behavior in the Social Environment II

Capstone

The capstone seminar and project requirement includes two, three-credit-hour courses that will be taken during the student's final year of coursework.

PHS 48000	Capstone Seminar and Project I
PHS 48300	Internship

Health Science Minors

Lindenwood University School of Health Sciences offers the following minors:

ADAPTED SPORT AND RECREATION MINOR

21 credit hours

Requirements

HFS 40000	Adapted Physical Education
REC 31000	Inclusive and Therapeutic Recreation
REC 32000	Adapted Sports and Therapeutic Recreation Activities

One of the following:

EXS 43000	Physical Activity for Specific Populations
REC 33300	Program Design and Assessment in Recreation Therapy

One of the following:

EXS 44000	Internships
HFS 45000	Internship
REC 38500/HFS 35000	Practicum

Six credit hours from the following courses:

HFS 35000/REC 38500	Practicum
PHS 22000	Public Health and Social Justice
NPA 30000	Fundraising
NPA 35100	Volunteer Management
NPA 37100	Grantwriting
REC 31100	Processes & Techniques in Therapeutic Recreation
REC 31300	Professional Issues and Current Trends in Therapeutic Recreation
REC 31400	Assessment Techniques in Therapeutic Recreation
REC 34200	Camp Management and Leadership
REC 36200	Program Design and Event Management
REC 38100	Recreation Facility Design and Operation
SOC 33500	Sociology of Sport

One of the following:

PSY 20500	Human Development
PSY 30300	Abnormal Psychology

COACHING MINOR

21-22 credit hours

Requirements

Core requirements:

EXS 31800	Strategies for Effective Coaching
EXS 36000	Exercise Principles for Optimal Performance
HFS 16000	First Aid/CPR/Sport Injuries
HFS 33000/REC 41000	Recreation, Sport, and Fitness Administration
PE 33000	Psychological Aspects of Physical Education

Student must also select:

HFS 20400	Care and Prevention or
HFS 21500	Introduction to Health and Fitness Sciences or
AT 28000	Introduction to Athletic Training Lab and
AT 28500	Introduction to Athletic Training

Three credit hours from the following courses:

PE 35000	Theory and Methods of Coaching Football
PE 35100	Theory and Methods of Coaching Basketball
PE 35200	Theory and Methods of Coaching Softball and Baseball
PE 35300	Theory and Methods of Coaching Track and Field
PE 35400	Theory and Methods of Coaching Volleyball
PE 35500	Theory and Methods of Coaching Soccer
PE 35700	Theory and Methods of Coaching Wrestling
PE 35800	Theory and Methods of Coaching Aquatic Sports
PE 42052	Practicum in Coaching Baseball/Softball
PE 42053	Practicum in Coaching Track and Field
PE 42054	Practicum in Coaching Volleyball
PE 42055	Practicum in Coaching Soccer
PE 42056	Practicum in Coaching Weight Training
PE 42057	Practicum in Coaching Wrestling
PE 42058	Practicum in Coaching Aquatic Sports

HEALTH AND WELLNESS MINOR

*17-18 credit hours***Requirements**

HFS 20500	Fitness and Wellness Concepts
HFS 34000	Mental Health and Resiliency Techniques

One of the following:

HFS 16000	First Aid/CPR/Sport Injuries
HFS 20400	Care and Prevention

One of the following:

HFS 30000	Health and Well-Being in Society
PHS 20000	Foundations of Public Health

Six credit hours from the following courses:

BSC 12100	Nutrition
EXS 24000	Nutrition Throughout the Lifecycle
PHS 37000	Health Promotion
PSY 30300	Abnormal Psychology
PSY 32100	Health Psychology
PSY 33200	Psychology of Motivation and Emotion
PSY 36500	Human Sexuality
REC 20600	Leisure in Contemporary Society
SOC 32600/CCJ 32600	Alcohol, Drugs, and Society

NUTRITION MINOR

18 credit hours

The nutrition minor is designed for students majoring in any of the allied health sciences (health and fitness sciences, biology, chemistry) or other area of interest. The curriculum will provide the students with a strong foundation in the principles and assessment of nutrition across the lifecycle, and offer elective courses in community, sports nutrition, and food science.

Requirements

Core coursework for the minor in nutrition includes:

EXS 23000	Assessment of Nutritional Status
EXS 24000	Nutrition Throughout the Lifecycle or
BSC 12100	Nutrition
EXS 31200	Nutrition and Metabolism

Nine credit hours from the following courses:

EXS 30500	Medical Nutrition Therapy
EXS 32000	Nutrition Education and Counseling
EXS 34000	Nutrition for Performance
HFS 30000	Health and Well-Being in Society

OUTDOOR LEADERSHIP MINOR

18 credit hours

Requirements

Students must complete the following courses:

REC 11300	Wilderness Survival
REC 12500	Land Navigation
REC 14600	Backpacking
REC 15700	Recreational Pursuit Resources
REC 20300	Adventure Education and Leadership
REC 36200	Program Design and Event Management

Six credit hours from the following courses:

HFS 35000/REC 38500	Practicum
REC 32600	Outdoor Education
REC 34200	Camp Management and Leadership
REC 37000	Adventure Programming Leadership

PRE-MEDICAL SCIENCES MINOR

35 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 24100	General Chemistry 2 Laboratory
CHM 23200	General Chemistry 3
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II

One of the following:

PHY 25100	Introductory Physics I
PHY 30100	General Physics I

One of the following:

PHY 25200	Introductory Physics II
PHY 30200	General Physics II

PRE-NURSING MINOR

31-32 credit hours

It is the responsibility of the student to check with the individual school or college of interest in which they intend to apply regarding additional prerequisites for admission. The completion of a Pre-Nursing minor does not guarantee a student admittance into a nursing program.

Requirements

BSC 22700	Human Anatomy and Physiology I
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BSC 22800	Human Anatomy and Physiology II
PSY 10000	Principles of Psychology
PSY 20500	Human Development

One of the following:

BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology

One of the following:

BSC 12100	Nutrition
EXS 24000	Nutrition Throughout the Lifecycle

One of the following:

BSC 23000	Microbiology for Health Sciences
BSC 35300	Microbiology

One of the following:

CHM 10000	Concepts in Chemistry
CHM 23000	General Chemistry 1

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

PUBLIC HEALTH MINOR

27 credit hours

Requirements

Students may declare a minor in public health by completing the 27 credit hours of core coursework from the public health degree program.

PHS 20000	Foundations of Public Health
PHS 22000	Public Health and Social Justice
PHS 24000	Global Health
PHS 32500	Social Determinants of Health and Health Equity
PHS 34000	Health Policy
PHS 36000	Introduction to Epidemiology
PHS 38000	Evidence-Based Practice in Public Health
	or
PHS 38300	Research Methods in Public Health
PHS 38500	Biological Basis of Health and Disease
PHS 41000	Population Health Assessment and Diagnosis

RECREATION ADMINISTRATION MINOR

21 credit hours

Requirements

Students must complete the following courses:

HFS 21500	Introduction to Health and Fitness Sciences
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REC 31000	Inclusive and Therapeutic Recreation
REC 36200	Program Design and Event Management
REC 41000/HFS 33000	Recreation Organization and Administration

Plus nine credit hours of any combination of recreation administration (REC) courses:

No more than three credit hours may be taken from 10000-level Basic Skills/Activity coursework.

STRENGTH AND CONDITIONING MINOR

25 credit hours

Requirements

Core requirements:

EXS 31800	Strategies for Effective Coaching
EXS 36000	Exercise Principles for Optimal Performance
EXS 38500/HS 51000	Advanced Strength Training Techniques
EXS 45500	Exam Preparation
HFS 33000/REC 41000	Recreation, Sport, and Fitness Administration
PE 33000	Psychological Aspects of Physical Education
PSY 10000	Principles of Psychology

One of the following:

AT 28500	Introduction to Athletic Training
HFS 20400	Care and Prevention
HFS 21500	Introduction to Health and Fitness Sciences

SCHOOL OF HUMANITIES

Kathi Vosevich, PhD, Dean

Mission: Preparing for Every Future

The School of Humanities at Lindenwood University prepares students for every future by providing them with the experience they need to succeed in their careers and their lives.

Values

High-impact teaching – Focusing on mentoring relationships through small class sizes and emphasis on advising. Internships, study abroad opportunities, and other forms of hands-on learning offer valuable professional and life experiences.

21st-Century skills – Teaching students to read carefully, think critically, and communicate clearly, skills that never go out of fashion – and cannot be replicated by robots! Courses enrich technological abilities with the lessons of human experience.

Life-long learning – Nurturing students' curiosity about the world and enhancing their abilities to learn independently. Courses make students into the intellectually flexible problem solvers that employers want.

Human connections – Helping students develop empathy, embrace diversity, and recognize the common human experience across space, time, culture, and language

The School of Humanities offers majors, minors, and certificates in the following areas:

American Studies

- American Studies Minor

English

- English, BA
- English, BA Creative Writing Emphasis
- Creative Writing Minor
- English Minor
- Writing and Professional Communication Minor
- Executive Writing Certificate
- English Preparedness

Foreign Languages

- Spanish, BA
- Spanish Minor
- Spanish Certificate

Gender Studies

- Gender Studies Minor

Geography

- Geography Minor
- Geographic Information Systems Certificate

History

- History, BA
- History Minor
- Public History Minor
- Social Studies Minor

Interdisciplinary Studies

- Interdisciplinary Studies, BA
- Interdisciplinary Studies, BA Online

International Relations

- International Relations, BA
- International Relations, BA Asian Studies Emphasis
- International Relations, BA Asian Studies Emphasis Online
- International Relations, BA Security Studies Emphasis
- Asian Studies Minor
- International Relations Minor
- Intercultural Fluency Certificate

Philosophy & Religion

- Philosophy & Religion, BA
- Philosophy & Religion, BA Philosophy Emphasis
- Philosophy & Religion, BA Religion Emphasis
- Catholic Studies Minor
- Critical Thinking Minor
- Ethical Reasoning Minor
- Philosophy Minor
- Religion Minor

Political Science

- Political Science, BA
- Political Science, BA Pre-Law Emphasis
- Political Science Minor
- Public Administration Minor

American Studies Program

“The truth does not change depending on our ability to stomach it.” – Flannery O’Connor

The American Studies program offers a minor in American studies. American Studies is a multidisciplinary approach to the many fluid, shifting cultural issues within the idea of “America.” What is contained within the idea of America? Whom does it contain? Whom does it leave out? How have the various struggles to define America changed over time and in relation to larger uncertainties surrounding nation, empire, citizenship, race, and sexuality (to name but a few concerns)? As you complete the minor in American Studies, you will address such questions by incorporating different methodologies such as literature, history, religion, anthropology, criminal justice, sociology, political science, cultural studies, and gender studies.

AMERICAN STUDIES MINOR

18 credit hours

Requirements

AST 20001 Introduction to American Studies
Students ideally should take AST 20001 early in their course progression.

One of the following:

AST 32000/HIST 32000	America: The Search for a More Perfect Union
HIST 11100	US History: Colony to New Republic
HIST 11200	US History: New Republic to World Power
HIST 11300	US History: The American Century
HIST 11400	US History: America through Business and Labor
HIST 11500	US History: America through Gender
HIST 11600	US History: America through the History of Race
HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 11900	US History: The History of Death and Mourning
HIST 12000	US History: America through Sport
HIST 15500	US Government: Politics and History
HIST 26300	History of Latin America
HIST 30200	Public History
HIST 32100	The Origins of the United States to 1800
HIST 32200	The Age of Jackson

HIST 32300	The Civil War and Reconstruction
HIST 32400	The Growth of Modern America, 1877-1914
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33100	History of Gender in America
HIST 33200	A Biography of the Constitution
HIST 33300	The American West 1830-1960
HIST 33400	History of Race in America
HIST 36200	The Atlantic World

One of the following:

ENGL 23500	American Literature: Slavery and War
ENGL 23501	American Literature: Breaking Free
ENGL 23502	American Literature: Family and Dysfunction
ENGL 23503	American Literature: Trauma and Modernity
ENGL 23800	Into the Promised Land: Race and Ethnicity in American Literature
ENGL 23900	Faulkner: Southern Belles and Racism
ENGL 34400/SPA 34400	LatinX Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Twentieth-Century American Literature
ENGL 35400	Finding Home: Space, Place, and Identity in American Literature
ENGL 37600	African-American Literature

Three additional courses from the following:

ANT 21000	Native North American Indians
ANT 31800/SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
CCJ 30000	Policing in America
CCJ 31100	The Juvenile Justice System
CCJ 32000	Race, Crime, and Punishment
CCJ 32600/SOC 32600	Alcohol, Drugs, and Society
CCJ 35005	Women, Crime, and the Law
ENGL 23500	American Literature: Slavery and War
ENGL 23501	American Literature: Breaking Free
ENGL 23502	American Literature: Family and Dysfunction
ENGL 23503	American Literature: Trauma and Modernity

ENGL 23800	Into the Promised Land: Race and Ethnicity in American Literature	HIST 33200	A Biography of the Constitution
ENGL 23900	Faulkner: Southern Belles and Racism	HIST 33300	The American West 1830-1960
ENGL 34400/SPA 34400	LatinX Literature	HIST 33400	History of Race in America
ENGL 34700-34799	Topics in American Literature	HIST 36200	The Atlantic World
ENGL 35200	Early American Literature	IR 35100	American Foreign Policy
ENGL 35300	Twentieth-Century American Literature	IR 35200	Politics and Culture
ENGL 35400	Finding Home: Space, Place, and Identity in American Literature	MUS 15000	Music in America
ENGL 37600	African-American Literature	MUS 15500	Jazz History
GS 20101	A Global Introduction to Gender Studies	MUS 17000	History of Rock
GS 30000	Gender Theory	PARA 42100	Healthcare Law and Ethics
HIST 11100	US History: Colony to New Republic	PHRL 20200	Religion in America
HIST 11200	US History: New Republic to World Power	PHRL 20600	Jesus
HIST 11300	US History: The American Century	PHRL 20800	Christianity and Politics
HIST 11400	US History: America through Business and Labor	PHRL 31400	New Religious Movements in America
HIST 11500	US History: America through Gender	PHRL 31601	Islam and the West
HIST 11600	US History: America through the History of Race	PHS 31000	Introduction to the U.S. Health Care System
HIST 11700	US History: American Military History through World War II	PHS 34000	Health Policy
HIST 11701	US History: American Military History since 1941	PS 15500	American Government: The Nation
HIST 11800	US History: The History of Food	PS 15600	American Government: The States
HIST 11900	US History: The History of Death and Mourning	PS 31000	Congress, the Presidency, and the Party System
HIST 12000	US History: America through Sport	PS 31100	American Constitutional Law
HIST 15500	US Government: Politics and History	PS 32000	Public Finance
HIST 26300	History of Latin America	PS 34500	Campaigns and Elections
HIST 30200	Public History	PS 36000	Civil Liberties
HIST 32000/AST 32000	America: The Search for a More Perfect Union	REC 12700	Hunting in Missouri
HIST 32100	The Origins of the United States to 1800	REC 31200	Sports and Society
HIST 32200	The Age of Jackson	REC 34200	Camp Management and Leadership
HIST 32300	The Civil War and Reconstruction	REC 41200	Leisure and Aging
HIST 32400	The Growth of Modern America, 1877-1914	SOC 21400	The Family
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War	SOC 31800/ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
HIST 32600	The United States in the Age of the Cold War	SOC 32100	Urban Sociology
HIST 33100	History of Gender in America	SOC 32600/CCJ 32600	Alcohol, Drugs, and Society
		SOC 33500	Sociology of Sport

No duplication of coursework allowed. Additional coursework may be counted toward the minor by approval of the program director.

English Program

The English program offers a Bachelor of Arts in the following areas:

- English
- English - Creative Writing Emphasis

The program offers minors in the following areas:

- Creative Writing
- English

- Writing and Professional Communication

The program offers a certificate in the following area:

- Executive Writing

ENGLISH, BA

36 credit hours

The Bachelor of Arts in English prepares you to use language both persuasively and creatively and to read, think, and write critically in any setting. Graduates pursue a variety of professional objectives and career paths, including graduate school in literature and creative writing, law school, teaching at the secondary level, journalism, technical and business writing, copywriting, editing, and proofreading.

A major in English requires 36 credit hours of coursework through the English program plus the foreign language requirement listed below.

The major is structured to provide you with a broad expertise in British and American literature while also allowing you the opportunity to study literatures of other regions and of traditionally underrepresented cultures and populations, and to conduct in-depth explorations of topics of your choosing.

Requirements

Two required courses (6 credit hours):

ENGL 30100	Methods of Literary Study
ENGL 45400	Senior Capstone in English

Two courses selected from the following options in British Literature (6 credit hours):

ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval Literature
ENGL 33900	Early Modern Literature
ENGL 34101	London in the Eighteenth Century
ENGL 34200	Politics, Passion, Poetry and Problems: The Romantic Movement
ENGL 34300	Victorians: Vile or Virtuous?
ENGL 35700-35799	Topics in British Literature

Two courses selected from the following options in American Literature (6 credit hours):

ENGL 34400/SPA 34400	LatinX Literature
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Twentieth-Century American Literature

ENGL 35400 Finding Home: Space, Place, and Identity in American Literature

ENGL 37600 African-American Literature

Two literature courses selected from the following options and/or from the options in British literature or American Literature above (6 credit hours):

ENGL 30900 The Novel

ENGL 35500 Literary Modernism: Experiment, Method, and Mystery

ENGL 36200 Translation and Literature

ENGL 37100 Reading and Writing of the Young Adult Novel

ENGL 38000-38099 Topics in Literature

Two courses selected from the following options in language, linguistics, and communication (6 credit hours):

COM 24200 Basic Reporting

COM 30700 Writing for Visual Media

COM 38200 Feature Writing

DCS 35000 Personal Branding and Content Creation

ENGL 20800 Introduction to Writing and Rhetoric

ENGL 20900 Writing for Game Design

ENGL 21100 Introduction to Creative Writing

ENGL 22200 Writing about Reality

ENGL 23000 Professional Communications

ENGL 25000/SPA 25000 Multiculturalism and Multilingualism

ENGL 30700 The Teaching of Writing

ENGL 31200 Technical Writing

ENGL 31500 Arrow Rock Literary Journal

ENGL 36300 Philosophy of Language: Secrets, Symbols, and the Literary Mind

ENGL 36500 Digital Humanities

ENGL 37200 Grammar and Writing

ENGL 38200-38299 Topics in English

ENGL 40400 History of the English Language

INTL 48070/MGMT 36015 International Business and Cross-Cultural Communications

MRKT 35040 Advertising and Promotional Strategy

NPA 37100 Grantwriting

PS 30700 Public Affairs: Writing and Reporting

Two courses (6 credit hours) selected from any of the above listed ENGL courses, or any other 30000- or 40000-level ENGL course.

Note: At least two of the courses taken for the degree must be marked as GE-Human Diversity courses. No other duplication of coursework is allowed.

ENG courses may satisfy program requirements at the discretion of the advisor.

English majors must demonstrate proficiency in one foreign language equivalent to Lindenwood University's Elementary II level. Students who transfer in at least six college credit hours in such a language or who have a sufficient AP exam score in such a language are considered to have demonstrated proficiency. Students who have studied a language offered by Lindenwood University but who do not have sufficient college course credit in the language may consult with the program about having their proficiency tested by the faculty in our non-English language programs to determine which courses, if any, they must take to fulfill the requirement. Students who have studied a language not offered by Lindenwood University and who do not have sufficient college course credit in the language may consult with the program about taking an online proficiency test to determine whether they will need to undertake further language study at Lindenwood. (Note: Not all languages are available for testing.)

English majors should take ENGL 30100 as soon as possible after completing ENGL 17000.

ENGLISH, BA CREATIVE WRITING EMPHASIS

36 credit hours

The Bachelor of Arts in English with an emphasis in Creative Writing prepares you to use language both persuasively and creatively and to read, think, and write critically in any setting. Graduates pursue a variety of professional objectives and career paths, including graduate school in literature and creative writing, law school, teaching at the secondary level, journalism, technical and business writing, copywriting, editing, and proofreading.

A major in English with Creative Writing Emphasis requires 36 credit hours of coursework through the English program (or courses approved by the department) plus the foreign language requirement listed below.

The major is structured to provide you with the flexibility to craft the program of study most suitable to your goals (in consultation with your advisor).

Requirements

Four required courses (12 credit hours):

ENGL 21100	Introduction to Creative Writing
ENGL 30100	Methods of Literary Study
ENGL 31100	Advanced Creative Writing
ENGL 45400	Senior Capstone in English

Eight courses selected from the following options or from all other 30000- or 40000-level ENGL course offerings (24 credit hours):*

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 20900	Writing for Game Design
ENGL 22200	Writing about Reality
ENGL 30700	The Teaching of Writing
ENGL 31200	Technical Writing
ENGL 31500	Arrow Rock Literary Journal
ENGL 34000	Stranger than Fiction – Writing Advanced Nonfiction
ENGL 35800	Getting Published – Tips for Writers
ENGL 36300	Philosophy of Language: Secrets, Symbols, and the Literary Mind
ENGL 36500	Digital Humanities
ENGL 36700	World-Building
ENGL 37100	Reading and Writing of the Young Adult Novel
ENGL 37200	Grammar and Writing
ENGL 38200-38299	Topics in English

Students may substitute up to two elective ENGL courses (6 credit hours) with courses from the following list. Other courses not on this list may be accepted for credit toward the degree with permission of the program. Some of the courses listed have prerequisites that may be waived after consultation with the program.

COM 24200	Basic Reporting
COM 30700	Writing for Visual Media
COM 38200	Feature Writing
DCS 35000	Personal Branding and Content Creation
ENGL 23000	Professional Communications
INTL 48070/MGMT 36015	International Business and Cross-Cultural Communications
MRKT 35040	Advertising and Promotional Strategy
PS 30700	Public Affairs: Writing and Reporting

Note: No duplication of coursework is allowed.

ENG courses may satisfy program requirements at the discretion of the advisor.

English majors must demonstrate proficiency in one foreign language equivalent to Lindenwood University's Elementary II level. Students who transfer in at least six college credit hours in such a language or who have a sufficient AP exam score in such a language are considered to have demonstrated proficiency. Students who have studied a language offered by Lindenwood University but who do not have sufficient college course credit in the language may consult with the program chair about having their proficiency tested by the faculty in our non-English language programs to determine which courses, if any, they must take to fulfill the requirement. Students who

have studied a language not offered by Lindenwood University and who do not have sufficient college course credit in the language may consult with the program about taking an online proficiency test to determine whether they will need to undertake further language study at Lindenwood. (Note: Not all languages are available for testing.)

English majors should take ENGL 30100 as soon as possible after completing ENGL 17000.

CREATIVE WRITING MINOR

18 credit hours

Requirements

Three required courses (9 credit hours):

ENGL 21100	Introduction to Creative Writing
ENGL 30100	Methods of Literary Study
ENGL 31100	Advanced Creative Writing

One course selected from the following writing options (3 credit hours):

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 20900	Writing for Game Design
ENGL 22200	Writing about Reality
ENGL 30700	The Teaching of Writing
ENGL 31200	Technical Writing
ENGL 31500	Arrow Rock Literary Journal
ENGL 34000	Stranger than Fiction – Writing Advanced Nonfiction
ENGL 35800	Getting Published – Tips for Writers
ENGL 36300	Philosophy of Language: Secrets, Symbols, and the Literary Mind
ENGL 36500	Digital Humanities
ENGL 36700	World-Building
ENGL 37100	Reading and Writing of the Young Adult Novel
ENGL 37200	Grammar and Writing
ENGL 38200-38299	Topics in English

Two courses selected from the following options or from all other 30000- or 40000-level ENGL course offerings (6 credit hours):

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 22200	Writing about Reality

Note: No duplication of coursework is allowed.

Note: ENG courses may satisfy program requirements at the discretion of the advisor.

ENGLISH MINOR

18 credit hours

Requirements

One required course (3 credit hours):

ENGL 30100	Methods of Literary Study
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Nine credit hours selected from the following literature options (9 credit hours):

ENGL 30900	The Novel
ENGL 33200	Chaucer
ENGL 33300	Shakespeare
ENGL 33800	Medieval Literature
ENGL 33900	Early Modern Literature
ENGL 34101	London in the Eighteenth Century
ENGL 34200	Politics, Passion, Poetry and Problems: The Romantic Movement
ENGL 34300	Victorians: Vile or Virtuous?
ENGL 34700-34799	Topics in American Literature
ENGL 35200	Early American Literature
ENGL 35300	Twentieth-Century American Literature
ENGL 35400	Finding Home: Space, Place, and Identity in American Literature
ENGL 35500	Literary Modernism: Experiment, Method, and Mystery
ENGL 35700-35799	Topics in British Literature
ENGL 36200	Translation and Literature
ENGL 37100	Reading and Writing of the Young Adult Novel
ENGL 37600	African-American Literature
ENGL 38000-38099	Topics in Literature

Six credit hours selected from the literature options above or from the following options (6 credit hours):

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 20900	Writing for Game Design
ENGL 21100	Introduction to Creative Writing
ENGL 22200	Writing about Reality
ENGL 30700	The Teaching of Writing
ENGL 31200	Technical Writing
ENGL 31500	Arrow Rock Literary Journal
ENGL 36500	Digital Humanities
ENGL 37200	Grammar and Writing
ENGL 40400	History of the English Language
ENGL 41000	Internship in English

Note: No duplication of coursework is allowed.

Note: ENG courses may satisfy program requirements at the discretion of the advisor.

WRITING AND PROFESSIONAL COMMUNICATION MINOR

18 credit hours

Requirements

Four courses selected from the following options (12 credit hours):

ENGL 20800	Introduction to Writing and Rhetoric
ENGL 23000	Professional Communications
ENGL 30700	The Teaching of Writing
ENGL 31200	Technical Writing
ENGL 37200	Grammar and Writing
NPA 37100	Grantwriting

One course from the following options (3 credit hours):

ENGL 21100	Introduction to Creative Writing
ENGL 28200-28299	Topics in English
ENGL 31100	Advanced Creative Writing
ENGL 38200-38299	Topics in English
ENGL 40400	History of the English Language

Capstone

(3 credit hours):

ENGL 41000	Internship in English
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Note: No duplication of coursework allowed.

ENG courses may satisfy program requirements at the discretion of the advisor.

EXECUTIVE WRITING CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

Surveys consistently show that employers want to hire employees with strong written communication skills. Get an edge on the job market by learning how to write professionally. Earning a certificate in executive writing will show employers that you are trained to write in a variety of formats and contexts, to create effective messages tailored to specific audiences, to navigate the complex media environments of the modern business world, and to work effectively as part of a team. The executive writing certificate requires 15 credit hours, including 3 credit hours in an internship.

Requirements

ENGL 23000	Professional Communications
ENGL 31200	Technical Writing

Two courses selected from the following options:

COM 32700	Media Literacy
ENGL 20800	Introduction to Writing and Rhetoric
ENGL 22200	Writing about Reality

ENGL 37200	Grammar and Writing
MRKT 35040	Advertising and Promotional Strategy

NPA 37100	Grantwriting
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One course (three credit hours) selected from the following options:

AMC 44444	Internship
ENGL 41000	Internship in English
MGMT 46095	Internship
MRKT 45095	Internship

English Preparedness

To best serve the needs of the undergraduate international student community, the English Preparedness Program (EPP) provides academic advising to undergraduate international students.

Upon arrival, all international students, regardless of their TOEFL scores, undergo on-site English language evaluation to assess classroom readiness and to assure appropriate placement in English classes. Based on the English language evaluation scores, a student may (1) enter directly into general education courses, (2) enroll in a combination of EPP courses and general education courses, or (3) enroll in only EPP courses until the student's language proficiency is such that they are prepared to enter general education courses.

Note: No International student schedules are not confirmed until they have taken the English language placement exam. Students arriving after the placement exam has been administered must contact the EPP coordinator for information regarding immediate placement testing.

Non-native English speaking students' placement into English courses depends on their placement test scores, writing samples, and previous experience at institutions of higher education in the United States. Students whose placement exam scores indicate a beginning or intermediate English proficiency will be placed in the appropriate EPP courses. *Students who are placed in only EPP courses should not take any additional coursework other than UNIV 10100 (First-Year Seminar). Students placed into a combination of EPP and general education or other introductory coursework should take no more than 15 semester hours of coursework. All students who are enrolled in EPP courses will be advised by EPP faculty until they are prepared to be assigned to a content area advisor.

Students whose placement exam scores indicate advanced language proficiency will be placed in general education or other introductory content courses but may still be recommended for placement in EPP 11000 or EPP 15000 if their placement exam scores indicate that they would benefit from English courses with attention to second language learner issues. Students whose English

proficiency is assessed to be native-like will be recommended for placement in ENGL 15000.

Students who place into EPP courses advance through the EPP curriculum based on exit exam scores, portfolio reviews, or professor recommendations.

See the course descriptions section of this catalog for a complete description of the EPP courses listed below.

EPP 10000, EPP 10100, EPP 10500, EPP 10600, EPP 12000, and EPP 12500. (p. 270)

These courses count toward the student's 120 credit hour requirement for graduation but do not fulfill general education requirements.

EPP 11000

Based on English placement scores, this course may be required prior to EPP 15000 or ENGL 15000. This course counts toward the student's 120 credit hour requirement for graduation but does not fulfill the Composition I (ENGL 15000) general education requirement and is counted as an elective.

EPP 15000

Equivalent to ENGL 15000, with attention to ESL issues

This course counts toward the student's 120 credit hour requirement for graduation and fulfills the general education Composition I (ENGL 15000) requirement. This course is equivalent to (not a prerequisite for) ENGL 15000, and gives attention to ESL issues. Students receiving a C or better in this course are eligible to take ENGL 17000.

Foreign Language Program

The Foreign Languages program offers a Bachelor of Arts, a minor, and a certificate in Spanish

The program also offers courses in the French, German, and Chinese languages.

All students in Foreign Language programs must complete all courses beyond the 20200-level with a grade of C or better.

All students participating in the semester abroad programs administered through the Foreign Languages Program are required to have a minimum GPA of 2.0 and the approval of the program.

SPANISH, BA

39-45 credit hours

(15 credit hours may be waived. See note in the required courses table).

The Spanish program at Lindenwood University focuses on the practicality of Spanish and the usefulness of cultural

competence in today's globalized world. In fact, Spanish offers countless professional possibilities. Studying Spanish will not only make you into a more accomplished thinker, but it will also set you apart from other candidates in the job market. In addition to language and cultural classes, the degree offers various culminating experiences, such as internships with multicultural organizations or study abroad opportunities in Spanish-speaking countries around the world. Our Bachelor of Arts in Spanish offers personalized attention from highly capable and experienced faculty members and provides students the education and training necessary to meet the certification qualifications to teach Spanish in the state of Missouri.

Requirements

SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SPA 20100	Intermediate Spanish I
SPA 20200	Intermediate Spanish II
SPA 25000	Multiculturalism and Multilingualism
SPA 30500	Advanced Spanish Language
SPA 31000	Hispanic Cultures I
SPA 32500	Hispanic Texts I
SPA 34400/ENGL 34400	LatinX Literature
SPA 41000	Hispanic Cultures II
SPA 42500	Hispanic Texts II

Native speakers of Spanish and highly competent students may be waived up to 15 credit hours of required courses in the language sequence: SPA 10100, SPA 10200, SPA 20100, SPA 20200, and SPA 30500. Such students must take as many upper-level courses as needed to complete the 39 credit hours required for the major and consult with Spanish faculty.

One of the following options:

Option One:

SPA 36000	Spanish Internship I
SPA 46000	Spanish Internship II

Option Two:

This option is unavailable to native speakers of Spanish.

SPA 36000	Spanish Internship I
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One course from the following during Summer Study Abroad:

SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar

Option Three:

Study abroad in Costa Rica, Spain, or Uruguay.

This option is unavailable to native speakers of Spanish. Prerequisite for semester-long study abroad: SPA 31000

and SPA 32500 with a C or better, or permission of the dean.

12 credit hours

SPA 31300	Advanced Spanish Composition Workshop
SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar
SPA 32117	Special Topics: Culture

SPANISH MINOR

21 credit hours

This minor in Spanish requires 21 credit hours (three of which may be taken abroad during the summer). Students with previous knowledge of Spanish who place above the SPA 10100 level must take as many 30000 and 40000 level SPA courses as needed to complete the 21 credit hours required for the minor.

Requirements

SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SPA 20100	Intermediate Spanish I
SPA 20200	Intermediate Spanish II
SPA 30500	Advanced Spanish Language

One course selected from the following options:

SPA 31000	Hispanic Cultures I
SPA 32500	Hispanic Texts I

One course selected from the following options (three credit hours):

SPA 36000	Spanish Internship I
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Or

One course from the following options during Summer Study Abroad:

SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar

SPANISH CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

The Certificate in Spanish will allow students to gain the necessary skills to successfully communicate in Spanish at the Intermediate-Advanced level. After completing the required coursework and culminating learning experience, students will be able to effectively communicate, in speaking and writing, with the majority of Spanish-speaking individuals that they may encounter in their professional lives (i.e. patients, clients, students, coworkers, business associates, etc.) While all courses include some element of culture, these courses focus on

developing speaking, listening, reading, and writing skills in addition to cultural awareness and sensitivity. This certificate is only available to students starting at SPA 10100 or SPA 10200, and students placing into SPA 10200 must take a further three-credit-hours in SPA beyond the courses completed in satisfaction of the below requirements.

Requirements

Students must take four courses from the language sequence (12 credit hours):

SPA 10100	Elementary Spanish I
SPA 10200	Elementary Spanish II
SPA 20100	Intermediate Spanish I
SPA 20200	Intermediate Spanish II
SPA 30500	Advanced Spanish Language

Students must complete one of the following culminating learning experiences (three credit hours):

SPA 36000	Spanish Internship I
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Or

One course from the following options during Summer Study Abroad:

SPA 32100	Practical Oral/Written Expression
SPA 32101	Advanced Spanish Grammar

Gender Studies Program

GENDER STUDIES MINOR

18 credit hours

Requirements

GS 20101	A Global Introduction to Gender Studies
GS 30000	Gender Theory

Four courses selected from the following options:

ANT 31800/SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
ARTH 36300	Early Modern Gender Studies
ARTH 38400	Classical Myth
CCJ 31500	Victimology
CCJ 35005	Women, Crime, and the Law
COM 32700	Media Literacy
DAN 37100	Dance in the 21st Century
ENGL 34200	Politics, Passion, Poetry and Problems: The Romantic Movement
GS 28000-28099	Selected Topics in Gender Studies
GS 38600-38699	Selected Topics in Gender Studies
HIST 33100	History of Gender in America

PSY 21000	Psychology of Parenting
PSY 30800	Psychology of Women
PSY 31300	Psychology of Adolescence
PSY 36500	Human Sexuality
SOC 30400	The Sociology of Gender Roles
SW 24000	Human Diversity and Social Justice

Additional courses in any department may be substituted with permission from the program. A maximum of two courses in the same department may be applied towards the requirements for the minor.

Geography Program

The Geography program offers a minor in Geography and a certificate in Geographic Information Systems.

GEOGRAPHY MINOR

18-20 credit hours

Requirements

GEO 10100	World Regional Geography
GEO 20000	Introduction to Geographic Information Systems

One course selected from the following options:

BSC 11200	Environmental Biology
BSC 11400	Principles of Environmental Biology
ESC 10000	Physical Geology with Lab
ESC 10500	Survey of Geology
ESC 11000	Introductory Meteorology
ESC 11200	Fundamentals of Environmental Science
ESC 12000	Oceanography
GEO 11500	Physical Geography

Three courses selected from the following options:

ANT 31800/SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
ANT 33700	Anthropology of Migration
GEO 10300	Human Geography
GEO 11500	Physical Geography
GEO 20400	Remote Sensing
GEO 20700	World Economic Geography
GEO 28000-28099	Special Topics
GEO 28100-28199	Special Topics
GEO 28200-28299	Special Topics
GEO 30000	Advanced Topics in Geographic Information Systems (GIS)
GS 20101	A Global Introduction to Gender Studies

HIST 26100	History of the Contemporary World
IR 10000	Introduction to International Relations
MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science
SOC 32100	Urban Sociology

No duplication of coursework is allowed.

GEOGRAPHIC INFORMATION SYSTEMS CERTIFICATE

15-16 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

In the Certificate in Geographic Information Systems (GIS), you work to develop the necessary skills to successfully and confidently apply the software in a variety of professions, including urban planning, health sciences, data analysis, environmental sciences, business, and many others. As a part of the coursework, students will examine the range of sources that can be combined to build a GIS database, including aerial imagery, scanned historic maps, raw data, and data collected from Global Positioning Systems. A certificate in Geographic Information Systems (GIS) requires 15 hours of course work, including:

Requirements

Three required courses:

GEO 20000	Introduction to Geographic Information Systems
GEO 20400	Remote Sensing
GEO 30000	Advanced Topics in Geographic Information Systems (GIS)

One elective course from the following options:

BSC 24800	Introduction to Ecology and Evolution
CSC 10011	Introduction to Computer Science: Python
GEO 10100	World Regional Geography
GEO 20700	World Economic Geography
HIST 30200	Public History
MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

One internship course from the following options (3 credit hours):

ANT 45000	Internship in Anthropology
BSC 36600	Field Biology
CSC 45111	Internship
ENV 45000	Environmental Internship
GEO 40100	Internship in Geographic Information Systems
HIST 40100	History Internship

INTL 48095	Internship
IR 47000	International Relations Internship

History Program

The History Program offers a Bachelor of Arts in History, and minors in the following areas:

- History
- Public History
- Social Studies

HISTORY, BA

42-52 credit hours

Study what you love with the history major. Use the skills you learn to think critically, be an agile problem solver, and communicate complex ideas to a wide range of audiences. Earn a solid foundation in geography and American, European, and non-Western history. Focus on regions, time periods, or topics that are exciting to you. Our program opens doors to a variety of careers through personalized mentoring from award-winning faculty members, all of whom are ready to help prepare you to be a success. You'll learn the art of thinking historically and understanding the world around you with all its engaging ideas and subtle differences. You'll see the world and how you fit into it.

Requirements

HIST 20100	Historical Methods
HIST 48100	Senior Seminar in History

One World course from the following options:

HIST 10000	World History: The Ancient and Medieval World
HIST 10100	World History: Empires and Exchanges since 1500
HIST 26100	History of the Contemporary World

One of the following non-US courses:

HIST 24100	Reformation to Revolution
HIST 24200	Waterloo to World War II
HIST 26300	History of Latin America

One of the following non-US courses:

HIST 10000	World History: The Ancient and Medieval World
HIST 10100	World History: Empires and Exchanges since 1500
HIST 24100	Reformation to Revolution
HIST 24200	Waterloo to World War II
HIST 26100	History of the Contemporary World
HIST 26300	History of Latin America
HIST 26400	History of Asia

Two U.S. courses from the following options:

HIST 32000/AST 32000	America: The Search for a More Perfect Union
HIST 32100	The Origins of the United States to 1800
HIST 32200	The Age of Jackson
HIST 32300	The Civil War and Reconstruction
HIST 32400	The Growth of Modern America, 1877-1914
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33100	History of Gender in America
HIST 33200	A Biography of the Constitution
HIST 33300	The American West 1830-1960
HIST 33400	History of Race in America

One Europe course from the following options:

HIST 34100	Church and State in Early Modern Europe
HIST 34200	The Civilization of Industrialism
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century

One World course from the following options:

HIST 36200	The Atlantic World
HIST 36300	Revolution in the Modern World

Three courses from 30000-level and above HIST courses including the following options:

HIST 32000/AST 32000	America: The Search for a More Perfect Union
HIST 32100	The Origins of the United States to 1800
HIST 32200	The Age of Jackson
HIST 32300	The Civil War and Reconstruction
HIST 32400	The Growth of Modern America, 1877-1914
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33100	History of Gender in America
HIST 33200	A Biography of the Constitution
HIST 33300	The American West 1830-1960
HIST 33400	History of Race in America
HIST 34100	Church and State in Early Modern Europe
HIST 34200	The Civilization of Industrialism
HIST 34300	The Soviet Union and European Communism

HIST 34400	War and Society in the Twentieth Century
HIST 36100	Missionaries, Militaries and Merchants in the Early Modern World
HIST 36200	The Atlantic World
HIST 36300	Revolution in the Modern World

One course from the following options:

GEO 10100	World Regional Geography
GEO 10200	Concepts of Geography
GEO 10300	Human Geography
GEO 11500	Physical Geography
GEO 20000	Introduction to Geographic Information Systems
GEO 20700	World Economic Geography
GEO 28000-28099	Special Topics
GEO 28100-28199	Special Topics
GEO 28200-28299	Special Topics
GEO 30000	Advanced Topics in Geographic Information Systems (GIS)
GEO 30100	World Historical Geography

One course from the following options after consultation with your history advisor:

EDU 41000	Student Teaching
HIST 30100	Applied History
HIST 40100	History Internship

HIS or HIST special topics courses at or above the 30000-level may satisfy program distribution requirements at the discretion of the advisor.

No duplication of coursework is allowed.

HISTORY MINOR

18 credit hours

Requirements

HIST 10100	World History: Empires and Exchanges since 1500
HIST 26100	History of the Contemporary World

Two courses in American history from the following options:

HIST 11100	US History: Colony to New Republic
HIST 11200	US History: New Republic to World Power
HIST 11300	US History: The American Century
HIST 11400	US History: America through Business and Labor

HIST 11500	US History: America through Gender
HIST 11600	US History: America through the History of Race
HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 12000	US History: America through Sport
HIST 32000/AST 32000	America: The Search for a More Perfect Union
HIST 32100	The Origins of the United States to 1800
HIST 32200	The Age of Jackson
HIST 32300	The Civil War and Reconstruction
HIST 32400	The Growth of Modern America, 1877-1914
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33100	History of Gender in America
HIST 33200	A Biography of the Constitution
HIST 33300	The American West 1830-1960
HIST 33400	History of Race in America

Two courses in European, Asian, or Latin American history from the following options:

HIST 10000	World History: The Ancient and Medieval World
HIST 24100	Reformation to Revolution
HIST 24200	Waterloo to World War II
HIST 24400	The Nazi State
HIST 24500	History of the British Isles
HIST 26300	History of Latin America
HIST 26400	History of Asia
HIST 34100	Church and State in Early Modern Europe
HIST 34200	The Civilization of Industrialism
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century
HIST 36100	Missionaries, Militaries and Merchants in the Early Modern World
HIST 36200	The Atlantic World
HIST 36300	Revolution in the Modern World

PUBLIC HISTORY MINOR

18-22 credit hours

Requirements

HIST 20100	Historical Methods
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HIST 30200	Public History
HIST 40100	History Internship
Three courses from the following options:	
AAD 10050	Introduction to Web Design
AAD 18101	Digital Photography I
ANT 11200	Cultural Anthropology
ANT 22500	Introduction to Archaeology
ANT 35000	Introduction to Cultural Resource Management
ANT 40500	Historical Archaeology
COM 12300	Media Design Foundations
GEO 20000	Introduction to Geographic Information Systems
NPA 30000	Fundraising
NPA 30300	Human Resource Management
NPA 35100	Volunteer Management
NPA 35200	Management and Human Resource Practices for Nonprofit Organizations
NPA 37100	Grantwriting
NPA 38300	Marketing for Nonprofit Organizations
NPA 38500	Nonprofit Budgeting and Financial Management
REC 20100	Fundamentals of Interpretation

SOCIAL STUDIES MINOR

24 credit hours

This minor is recommended for students majoring in history who are seeking certification to teach social studies at the secondary level. See a history advisor about this minor.

Requirements

ANT 11200	Cultural Anthropology
ECON 23010	Survey of Economics
PS 15600	American Government: The States
PSY 10000	Principles of Psychology
SOC 10200	Basic Concepts of Sociology
One of the following:	
GEO 10100	World Regional Geography
GEO 10200	Concepts of Geography
One of the following:	
HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation
One of the following:	
ANT 21000	Native North American Indians

ANT 31700	Social and Cultural Change
ANT 32400	Magic, Witchcraft, and Religion
ANT 32700	Environmental Anthropology
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33037	Current Economic and Social Policy
ECON 33060	History of Economic Thought
GEO 10300	Human Geography
GEO 20000	Introduction to Geographic Information Systems
IR 35000	International Relations Theory
PS 31000	Congress, the Presidency, and the Party System
PS 20000	Methods for Political Science
SOC 30400	The Sociology of Gender Roles
SOC 31800/ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 42000/ANT 42000	Sociocultural Theory

SOCIAL SCIENCES SECONDARY EDUCATION CERTIFICATION PREPARATION

To fulfill the academic requirements to be eligible for certification to teach social science at the secondary level (Grades 9-12) students must complete a major in history, a minor in social studies or additional certification requirements as required by DESE, a minor in secondary education (Grades 9-12), and EDU 33500. See the description of the minor in secondary education (Grades 9-12) in the School of Education section of this catalog. (p. 120)

Interdisciplinary Studies Program

A degree in interdisciplinary studies prepares you for multiple career opportunities. As a student in this program, you will expand your knowledge of human cultures as well as the physical and natural world, enhance your ability to communicate effectively in written, spoken, and digital forms, and develop essential habits of mind for solving problems strategically and collaboratively by crossing disciplinary boundaries. All this involves skills in teamwork, project management, computer and multimedia competency, and effective time management. Many government, business, and non-profit organizations, as well as other employers, are looking for graduates with these cross-disciplinary skills. A Bachelor of Arts in interdisciplinary studies may be earned traditionally or online.

Early Access to Graduate Programs

Full time BA interdisciplinary studies students maintaining an undergraduate GPA of 3.0 or higher may take up to nine credit hours of graduate level coursework during their senior year, taking no more than six graduate credit hours concurrently. Such graduate credit hours will count toward a graduate degree and not toward the bachelor's degree. Students in the early access program must maintain a GPA of 3.0 or higher in all graduate level courses.

Notes: (1) Early access students enrolled in graduate coursework must also be concurrently enrolled in a minimum of 12 undergraduate credit hours during the semester in which any graduate courses are taken. (2) Any student whose enrollment exceeds 18 credit hours per semester (including both graduate and undergraduate courses) will be subject to the university overload fee.

INTERDISCIPLINARY STUDIES, BA

36 credit hours

In addition to the general education (GE) courses required of all undergraduate students (42 credit hours), the degree in interdisciplinary studies also requires a minimum grade of C in the following concentrations and courses:

Requirements

27 credit hours from Concentration I, II, and III

Concentration I: Nine credit hours from any subject prefix (same course prefix); concentrations cannot be duplicated; at least one course must be at 30000-40000-level; courses may not be used to satisfy GE requirement.

Concentration II: Nine credit hours from any subject prefix (same course prefix); concentrations cannot be duplicated; at least one course must be at 30000-40000-level; courses may not be used to satisfy GE requirement.

Concentration III: Nine credit hours from any subject prefix (same course prefix); concentrations cannot be duplicated; at least one course must be at 30000-40000-level; courses may not be used to satisfy GE requirement.

Examples of possible concentration combinations include:

Community Engagement: completing concentrations in Political Science (PS), Nonprofit Administration (NPA), and English (ENGL) or Philosophy & Religion (PHRL).

Cultural Studies: completing concentrations in three of the following—Anthropology (ANT), Sociology (SOC), English (ENGL), Philosophy & Religion (PHRL), or Spanish (SPA).

Global Leadership: completing concentrations in Management (MGMT), International Relations (IR), and English (ENGL). **Interpersonal Communication:** completing concentrations in English (ENGL), Communications (COM), and Psychology (PSY).

Interpersonal Communication: completing concentrations in English (ENGL), Communications (COM), and Psychology (PSY)

Political Media: completing concentrations in English (ENGL), Political Science (PS), and Digital Content Strategies (DCS).

Urban Studies: completing concentrations in Geography (GEO), Criminology and Criminal Justice (CCJ), and Public Health (PHS).

It is recommend that at least one concentration be from a program in the School of Humanities: English (ENGL), Geography (GEO), History (HIST), International Relations (IR), Philosophy & Religion (PHRL), Political Science (PS), and Spanish (SPA).

Three credit hours from the following:

IS 40100 Interdisciplinary Research

Six credit hours from 30000- and 40000-level Interdisciplinary Studies (IS Prefix) courses.

At their advisor's discretion, students may take a fourth course at the 30000-level or above in one of their concentrations and thereby satisfy three of these six required credit hours.

No duplicate coursework is allowed.

International Relations Program

The International Relations Program offers a Bachelor of Arts in the following areas:

- International Relations
- International Relations -Asian Studies Emphasis
- International Relations -Security Studies Emphasis

The International Relations Program also offers an Asian studies and international relations minor and an intercultural fluency certificate.

INTERNATIONAL RELATIONS, BA

39 credit hours

The Bachelor of Arts in international relations is of value in many fields. Many graduates work in government, entering the military or working in fields, such as intelligence, counter-terrorism, homeland security, diplomacy, and defense policy-making. Private and non-profit sectors, corporate risk analysis, international trade and development, and many other fields provide opportunities for those with a strong knowledge of international relations. By crafting your degree program to build skills in a variety of areas, you have the opportunity to make your resume very distinctive, creating an excellent foundation for future success. The IR major is designed to

maximize your options, allowing you to double or even triple major, add minors, and pursue certificates.

Requirements

IR 10000	Introduction to International Relations
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
IR 40100	Intelligence, Military, and National Policy

One of the following courses:

IR 35200	Politics and Culture
PS 30000	Comparative Analysis

One of the following courses:

IR 20000	The Global Community
IR 38000	Geopolitics, Grand Strategy, and War

One of the following courses:

IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World

Three of the following courses:

IR 20000	The Global Community
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 31000	Governing Europe
IR 32000	Transpacific Relations
IR 32100	Issues in Asia-Pacific Security
IR 35200	Politics and Culture
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application
IR 36900	Creating Contemporary China
IR 38000	Geopolitics, Grand Strategy, and War

MGMT 38900	Game Theory
PS 30000	Comparative Analysis

Three of the following courses:

CHI 20100	Intermediate Mandarin I
CHI 20200	Intermediate Mandarin II
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 33065	Seminar in Economic Federalism
FRE 20100	Intermediate French I
FRE 20200	Intermediate French II
GEO 10100	World Regional Geography

GEO 10300	Human Geography
GEO 20700	World Economic Geography
GEO 30100	World Historical Geography
HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 24400	The Nazi State
HIST 26100	History of the Contemporary World
HIST 26300	History of Latin America
HIST 26400	History of Asia
HIST 32300	The Civil War and Reconstruction
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century
INTL	International Economics

48040/ECON
43040

INTL International Risk and Politics

48060/MGMT
46010

IR 20000 The Global Community
IR 26000 Chinese Culture and Etiquette
IR 30000 Diplomatic Affairs: Peace and Conflict Resolution

IR 31000 Governing Europe
IR 32000 Transpacific Relations
IR 32100 Issues in Asia-Pacific Security
IR 35200 Politics and Culture
IR 36000 Origins of War: How the World Stumbles into War

IR 36100 Paris 1919: Making of the Modern World

IR 36200 Seapower: History and Application
IR 38000 Geopolitics, Grand Strategy, and War

IR 36900 Creating Contemporary China
MGMT 38900 Game Theory

PHRL 30200 Political Philosophy
PHRL 31601 Islam and the West
PHRL 31602 Religions of India
PHRL 31603 Religions of China
PS 30000 Comparative Analysis

PS 30100 Comparative Public Policy
PS 30700 Public Affairs: Writing and Reporting

PS 33050 Political Economy

SPA 20100 Intermediate Spanish I
SPA 20200 Intermediate Spanish II
SPA 31000 Hispanic Cultures I
SPA 41000 Hispanic Cultures II

No duplication of coursework allowed. Some substitutions, especially for study abroad and IR special topics courses, may be possible.

INTERNATIONAL RELATIONS, BA ASIAN STUDIES EMPHASIS

39 credit hours

The Asia-Pacific region has become the highlight of the world's economic and political development in this century. Some scholars are already calling the 21st century the "Pacific Century," so prepare yourself for the global cutting edge with the Asian studies emphasis. In addition to providing you with a comprehensive foundation in the field of international relations, the Asian studies emphasis will give you the knowledge and skills you need to understand the politics, economics, and cultural traditions of the Asia-Pacific Region.

Requirements

IR 10000	Introduction to International Relations
IR 35000	International Relations Theory
IR 40100	Intelligence, Military, and National Policy

One of the following courses:

IR 35200	Politics and Culture
PS 30000	Comparative Analysis

One of the following courses:

IR 20000	The Global Community
IR 32000	Transpacific Relations
IR 32100	Issues in Asia-Pacific Security

One of the following courses:

IR 35100	American Foreign Policy
IR 36900	Creating Contemporary China
IR 38000	Geopolitics, Grand Strategy, and War

One of the following courses:

IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application

Three of the following courses:

CHI 20100	Intermediate Mandarin I
CHI 20200	Intermediate Mandarin II
HIST 26400	History of Asia
IR 20000	The Global Community
IR 26000	Chinese Culture and Etiquette

IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 32000	Transpacific Relations
IR 32100	Issues in Asia-Pacific Security
IR 35100	American Foreign Policy
IR 35200	Politics and Culture
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application
IR 36900	Creating Contemporary China
IR 38000	Geopolitics, Grand Strategy, and War
MGMT 38900	Game Theory
PS 30000	Comparative Analysis

Three of the following courses:

CHI 20100	Intermediate Mandarin I
CHI 20200	Intermediate Mandarin II
COM 37600	Asian Cinema
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 33065	Seminar in Economic Federalism
GEO 10100	World Regional Geography
GEO 10300	Human Geography
GEO 20700	World Economic Geography
GEO 30100	World Historical Geography
HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 24400	The Nazi State
HIST 26100	History of the Contemporary World
HIST 26300	History of Latin America
HIST 26400	History of Asia
HIST 32300	The Civil War and Reconstruction
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century
INTL 48040/ECON 43040	International Economics
INTL 48060/MGMT 46010	International Risk and Politics
IR 20000	The Global Community
IR 26000	Chinese Culture and Etiquette
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 31000	Governing Europe

IR 32000	Transpacific Relations
IR 32100	Issues in Asia-Pacific Security
IR 35200	Politics and Culture
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application
IR 36900	Creating Contemporary China
IR 38000	Geopolitics, Grand Strategy, and War
MGMT 38900	Game Theory
PHRL 30200	Political Philosophy
PHRL 31601	Islam and the West
PHRL 31602	Religions of India
PHRL 31603	Religions of China
PS 30000	Comparative Analysis
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 33050	Political Economy

No duplication of coursework allowed. Some substitutions, especially for study abroad and IR special topics courses, may be possible.

INTERNATIONAL RELATIONS, BA SECURITY STUDIES EMPHASIS

39 credit hours

The Bachelor of Arts international relations with a security studies emphasis program focuses particularly on the threats and opportunities present in the global security environment of the 21st century. Students with this emphasis will gain an in-depth knowledge of issues such as the evolution of terrorism, nuclear proliferation and rogue states, great power politics and diplomacy, civil war and state collapse, and other challenges facing the international community today and in coming decades.

Requirements

IR 10000	Introduction to International Relations
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
IR 40100	Intelligence, Military, and National Policy

One of the following courses:

IR 35200	Politics and Culture
PS 30000	Comparative Analysis

One of the following courses:

IR 20000	The Global Community
IR 38000	Geopolitics, Grand Strategy, and War

One of the following courses:

IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World

Three of the following courses:

IR 20000	The Global Community
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 32000	Transpacific Relations
IR 32100	Issues in Asia-Pacific Security
IR 35200	Politics and Culture
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application
IR 38000	Geopolitics, Grand Strategy, and War
MGMT 38900	Game Theory
PS 30000	Comparative Analysis

Three of the following courses:

CHI 20100	Intermediate Mandarin I
CHI 20200	Intermediate Mandarin II
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 33065	Seminar in Economic Federalism
FRE 20100	Intermediate French I
FRE 20200	Intermediate French II
GEO 10100	World Regional Geography
GEO 10300	Human Geography
GEO 20700	World Economic Geography
GEO 30100	World Historical Geography
HIST 11700	US History: American Military History through World War II
HIST 11701	US History: American Military History since 1941
HIST 26100	History of the Contemporary World
HIST 26300	History of Latin America
HIST 26400	History of Asia
HIST 32300	The Civil War and Reconstruction
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century
INTL 48040/ECON 43040	International Economics

INTL 48060/MGMT 46010	International Risk and Politics
IR 20000	The Global Community
IR 26000	Chinese Culture and Etiquette
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 31000	Governing Europe
IR 32000	Transpacific Relations
IR 32100	Issues in Asia-Pacific Security
IR 35200	Politics and Culture
IR 36000	Origins of War: How the World Stumbles into War
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application
IR 36900	Creating Contemporary China
IR 38000	Geopolitics, Grand Strategy, and War
PHRL 30200	Political Philosophy
PHRL 31601	Islam and the West
PHRL 31602	Religions of India
PHRL 31603	Religions of China
PS 30000	Comparative Analysis
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 20000	Methods for Political Science
PS 33050	Political Economy
SPA 20100	Intermediate Spanish I
SPA 20200	Intermediate Spanish II

No duplication of coursework allowed. Some substitutions, especially for study abroad and IR special topics courses, may be possible.

ASIAN STUDIES MINOR

21 credit hours

Requirements

IR 26000	Chinese Culture and Etiquette
IR 32000	Transpacific Relations
IR 36900	Creating Contemporary China

Four courses from the following:

CHI 10100	Elementary Mandarin I
CHI 10200	Elementary Mandarin II
CHI 20100	Intermediate Mandarin I
CHI 20200	Intermediate Mandarin II
COM 37000	History of World Cinema
HIST 26400	History of Asia
IR 32100	Issues in Asia-Pacific Security
PHRL 31602	Religions of India
PHRL 31603	Religions of China

INTERNATIONAL RELATIONS MINOR

18 credit hours

Requirements

Required courses include:

IR 10000	Introduction to International Relations
IR 20000	The Global Community
IR 35000	International Relations Theory
IR 35100	American Foreign Policy

Two courses selected from the following options:

IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 32100	Issues in Asia-Pacific Security
IR 36200	Seapower: History and Application
IR 40100	Intelligence, Military, and National Policy
PS 30000	Comparative Analysis

INTERCULTURAL FLUENCY CERTIFICATE

15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

The intercultural fluency certificate program will allow students to choose from an interdisciplinary menu of courses that will enhance their understanding and appreciation of global diversity while strengthening their ability to live, work, and learn internationally.

Requirements

One of the following courses:

INTL 38000/MGMT 36000	Global Business and Society
IR 10000	Introduction to International Relations

Three courses from the following:

INTL 48010/MRKT 35015	International Marketing
INTL 48032/MGMT 36010	International Management
INTL 48070/MGMT 36015	International Business and Cross- Cultural Communications
IR 20000	The Global Community
IR 35000	International Relations Theory
PHRL 31601	Islam and the West

PHRL 31602 Religions of India

PHRL 31603 Religions of China

Any foreign language course may also be selected to fulfill this requirement.

Also required:

INTL 48095 Internship

Study abroad courses may also be selected to fulfill this requirement.

Philosophy & Religion Program

The Philosophy & Religion program prepares you for a wide variety of careers by familiarizing you with the world's major intellectual traditions, both philosophical and religious. Philosophy explores what is real, what we know, how we should think, and how we should act; while religion reflects on the many ways that communities have constructed and articulated the meaningfulness of human life.

Students may earn Bachelor of Arts degrees in the following areas:

- Philosophy & Religion
- Philosophy & Religion, Philosophy Emphasis
- Philosophy & Religion, Religion Emphasis

Students may earn minors in the following areas:

- Catholic Studies
- Critical Thinking
- Ethical Reasoning
- Philosophy
- Religion

PHILOSOPHY & RELIGION, BA

36 credit hours

Studying philosophy and religion will prepare you for a wide variety of careers by expanding your engagement with the world's major philosophical and religious intellectual traditions. Philosophy explores what is real, what we know, how we should think, and how we should act, while religion reflects on the many ways through which communities have constructed and articulated the meaningfulness of human life. You will not only learn what you can do but also what you should do.

Requirements

Philosophy & Religion Core

One required course:

PHRL 34600 Philosophy of Religion

One of the following Logic courses:

PHRL 21000 Logic

PHRL 21001 Traditional Logic

PHRL 21002 Symbolic Logic

One of the following Ethics courses:

PHRL 10000 Moral Life

PHRL 10200 Philosophy of Love

PHRL 11200 World Religion: The Meaning of Life

PHRL 21200 Ethics

PHRL 21201 Contemporary Ethics

PHRL 21202 Bioethics

PHRL 30000 The Natural Law

One PHRL course with GE-Human Culture: Religion designation (three credit hours)

One of the following culminating experience courses:

PHRL 40000 Senior Project

PHRL 40100 Philosophy & Religion Internship

Philosophy & Religion Elective Requirements (21 credit hours)

Seven additional PHRL courses (not used above). At least four of which must be at the 30000- and/or 40000-level.

Note: No duplication of coursework allowed.

PHILOSOPHY & RELIGION, BA PHILOSOPHY EMPHASIS

36 credit hours

The Bachelor of Arts in philosophy & religion with philosophy emphasis prepares students to engage in occupations that encourage or require critical reading, writing, and communication skills. It prepares students for graduate training in philosophy in pursuit of credentials to teach at the secondary or post-secondary levels. It also prepares students for graduate training in fields such as law, business, and medicine because students who study philosophy tend to register high scores on graduate exams. It also enhances students' understanding of their own fields by addressing fundamental questions not covered elsewhere. Given philosophy's central role in a humanistic education, it also prepares students for life as well-rounded individuals and citizens of a global community.

Requirements

Philosophy & Religion Core

One required course:

PHRL 34600 Philosophy of Religion

One of the following Logic courses:

PHRL 21000 Logic

PHRL 21001 Traditional Logic

PHRL 21002 Symbolic Logic

One of the following Ethics courses:

PHRL 10000	Moral Life
PHRL 10200	Philosophy of Love
PHRL 11200	World Religion: The Meaning of Life
PHRL 21200	Ethics
PHRL 21201	Contemporary Ethics
PHRL 21202	Bioethics
PHRL 30000	The Natural Law

One PHRL course with GE-Human Culture: Religion (3 credit hours).

One of the following culminating experiences:

PHRL 40000	Senior Project
PHRL 40100	Philosophy & Religion Internship

Philosophy Emphasis Requirements (12 credit hours)

PHRL 32200	Medieval Philosophy
PHRL 32400	Modern Philosophy

One of the following courses:

PHRL 10400	The Examined Life
PHRL 32000	Ancient Philosophy

One of the following courses:

PHRL 34000	Metaphysics
PHRL 34200	Theories of Knowledge
PHRL 34400	Philosophy of Science
PHRL 34800	Philosophy of Mind

Philosophy Emphasis Electives (9 credit hours)

Three additional courses (not used above), or three courses from one of the following interdisciplinary blocks.

Art and Literature

Any ARTH, ENGL course at or above the 20000-level, COM 37000, COM 37600.

Economics, Political Science, Public Health

COM 10200, Any ECON, MGMT, PHS, or PS course at or above the 20000-level.

History and Culture

Any AST, CSP, HIST, or IR course at or above the 20000-level.

Any GEO course at or above the 30000-level.

Mathematics and Computer Science

Any CSC or MTH course at or above the 20000-level.

Natural Sciences

Any BSC, CHM, ESC, or PHY course at or above the 30000-level.

Social Science

Any ANT, GEO, GS, PSY, or SOC course at or above the 30000-level.

No duplication of coursework allowed.

PHILOSOPHY & RELIGION, BA RELIGION EMPHASIS

36 credit hours

The Bachelor of Arts in philosophy & religion with a religion emphasis affords students the opportunity to gain a solid foundation in the academic study in religious studies while also engaging broadly with different particular religious traditions.

Requirements

Philosophy & Religion Core

One required course:

PHRL 34600	Philosophy of Religion
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One of the following Logic courses:

PHRL 21000	Logic
PHRL 21001	Traditional Logic
PHRL 21002	Symbolic Logic

One of the following Ethics courses:

PHRL 10000	Moral Life
PHRL 10200	Philosophy of Love
PHRL 11200	World Religion: The Meaning of Life
PHRL 21200	Ethics
PHRL 21201	Contemporary Ethics
PHRL 21202	Bioethics
PHRL 30000	The Natural Law

One PHRL course with GE-Human Culture: Religion (3 credit hours).

One of the following culminating experiences:

PHRL 40000	Senior Project
PHRL 40100	Philosophy & Religion Internship

Religion Emphasis Requirements

One of the following courses:

PHRL 11200	World Religion: The Meaning of Life
PHRL 11600	World Religions

Two of the following 10000- and 20000-level courses.

PHRL 11000	Star Wars and Religion
PHRL 11400	The Bible
PHRL 20000	The Story of Christianity
PHRL 20200	Religion in America
PHRL 20400	Women, Religion, and Violence
PHRL 20600	Jesus
PHRL 20800	Christianity and Politics
PHRL 22000	Introducing Judaism

Two of the following 30000-level courses:

PHRL 31000	Religion and the History of Science
PHRL 31200	The Psychology of Religion
PHRL 31400	New Religious Movements in America
PHRL 31601	Islam and the West
PHRL 31602	Religions of India
PHRL 31603	Religions of China
PHRL 33000	Christian Theology
PHRL 33200	Catholic Identity in the Modern World
PHRL 33400	Protestant and Catholic Reformations

Religion Emphasis Electives (6 credit hours)

One more of the PHRL courses listed above in the Religion Emphasis Requirements (3 credit hours).

One more PHRL course or one of the following interdisciplinary courses:

ANT 32400	Magic, Witchcraft, and Religion
ARTH 38400	Classical Myth
ENGL 25400	Mythology and Folklore
HIST 34100	Church and State in Early Modern Europe
HIST 36100	Missionaries, Militaries and Merchants in the Early Modern World

No duplication of coursework allowed.

CATHOLIC STUDIES MINOR

21 credit hours

The minor in Catholic studies provides students the ability to delve into one of the major branches of the Christian religion. It is designed to facilitate students who come from a Catholic background and are interested in getting to know their own tradition better, as well as students from related academic disciplines (for example, art history, English literature, history, political science, etc.) who would like the opportunity to engage in interdisciplinary study of how the Catholic tradition intersects with their primary field.

Requirements

Two required courses:

PHRL 20000	The Story of Christianity
PHRL 33200	Catholic Identity in the Modern World

One course from the following options:

PHRL 30000	The Natural Law
PHRL 32200	Medieval Philosophy

Three courses from the following options:

PHRL 11400	The Bible
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PHRL 20200	Religion in America
PHRL 20600	Jesus
PHRL 20800	Christianity and Politics
PHRL 33000	Christian Theology
PHRL 33400	Protestant and Catholic Reformations

One additional course from any PHRL course or any of the following options:

ARTH 35600	Baroque Art
ARTH 35800	Medieval Art
ARTH 38300	Renaissance Art
HIST 10000	World History: The Ancient and Medieval World
HIST 24100	Reformation to Revolution
HIST 34100	Church and State in Early Modern Europe

Some ARTH, HIST, and other courses that deal specifically with the Catholic tradition may be substitute.

No duplication of coursework allowed.

CRITICAL THINKING MINOR

18 credit hours

The minor in critical thinking is an interdisciplinary minor that combines a philosophical approach to logic and critical thinking with the application of those skills in an area of your interest. The minor combines theoretical and practical approaches to critical thinking that will enhance any degree.

Requirements

Three courses from the following options, one of which must be a Logic course and one of which must be a 30000-level course

PHRL 21000	Logic
PHRL 21001	Traditional Logic
PHRL 21002	Symbolic Logic
PHRL 34000	Metaphysics
PHRL 34200	Theories of Knowledge
PHRL 34400	Philosophy of Science
PHRL 34600	Philosophy of Religion
PHRL 34800	Philosophy of Mind

Electives (9 credit hours)

Any of the PHRL courses listed above. Students can also choose from the following courses.

ANT 10000	Introduction to Anthropology
ARTH 11000	Concepts in the Visual Arts
BSC 10000	Concepts in Biology
CCJ 20000	Criminology
SOC 10200	Basic Concepts of Sociology

Some other ANT, ARTH, CSC, ECON, ENGL, GEO, HIST, MGMT, MTH, PHS, PHY, PSY, SOC, and other courses may be accepted.

No duplication of coursework allowed.

ETHICAL REASONING MINOR

18 credit hours

The minor in ethical reasoning is an interdisciplinary minor that combines a philosophical approach to ethical reasoning with the application of ethics in areas of your interest. The minor combines theoretical and practical approaches to ethical reasoning that will enhance any degree.

Requirements

One course from the following options:

PHRL 21000	Logic
PHRL 21001	Traditional Logic
PHRL 21002	Symbolic Logic

Two courses selected from the following options:

PHRL 10000	Moral Life
PHRL 10200	Philosophy of Love
PHRL 10400	The Examined Life
PHRL 21200	Ethics
PHRL 21201	Contemporary Ethics
PHRL 21202	Bioethics
PHRL 30000	The Natural Law

Electives (9 credit hours)

Any of the PHRL courses listed above. Students can also choose from the following courses.

IR 20000	The Global Community
PHRL 20400	Women, Religion, and Violence
PHRL 20800	Christianity and Politics
SW 24000	Human Diversity and Social Justice

Some other ANT, ARTH, CSC, ECON, ENGL, GEO, HIST, MGMT, MTH, PHS, PHY, PSY, SOC, and other courses may be accepted.

No duplication of coursework allowed.

PHILOSOPHY MINOR

18 credit hours

Requirements

Four courses selected from the following options with at least one course selected from three of the following areas:

History of Philosophy:

PHRL 32000	Ancient Philosophy
PHRL 32200	Medieval Philosophy
PHRL 32400	Modern Philosophy

Ethics:

PHRL 10000	Moral Life
PHRL 10200	Philosophy of Love

PHRL 10400	The Examined Life
PHRL 21200	Ethics
PHRL 21201	Contemporary Ethics
PHRL 21202	Bioethics
PHRL 21400	Philosophy of Art
PHRL 30000	The Natural Law
PHRL 30200	Political Philosophy
PHRL 30400	Philosophy of Law

Logic:

PHRL 21000	Logic
PHRL 21001	Traditional Logic
PHRL 21002	Symbolic Logic

Advanced Philosophical Subjects:

PHRL 34000	Metaphysics
PHRL 34200	Theories of Knowledge
PHRL 34400	Philosophy of Science
PHRL 34600	Philosophy of Religion
PHRL 34800	Philosophy of Mind

Additional required coursework

Two courses selected from any one of the following concentrations:

Art and Literature Concentration:

Any ARTH, ENGL at or above the 20000-level, COM 37000, or COM 37600.

Economics, Political Science, and Public Health Concentration:

Any ECON, MGMT, PHS, or PS course at or above the 20000-level, or COM 10200.

History and Culture Concentration:

Any AST, CSP, HIST, or IR course at or above the 20000-level. Any GEO course at or above the 30000-level.

Mathematics and Computer Science Concentration:

Any CSC or MTH course at or above the 20000-level or the course listed below.

MGMT 24000	Introduction to Information Systems
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Natural Science Concentration:

Any BSC, CHM, ESC, or PHY course at or above the 30000-level, or any SCI course.

Philosophy and Religion Concentration:

Any PHRL course at or above the 30000-level.

Social Science Concentration:

Any ANT, GEO, GS, PSY, or SOC course at or above the 30000-level.

Note: No duplication of coursework allowed.

RELIGION MINOR

18 credit hours

Requirements

One course from the following options:

PHRL 11000	Star Wars and Religion
PHRL 11200	World Religion: The Meaning of Life
PHRL 11400	The Bible
PHRL 11600	World Religions

One course from the following options:

PHRL 20000	The Story of Christianity
PHRL 20200	Religion in America
PHRL 20400	Women, Religion, and Violence
PHRL 20600	Jesus
PHRL 20800	Christianity and Politics
PHRL 22000	Introducing Judaism

One course from the following options:

PHRL 31000	Religion and the History of Science
PHRL 31200	The Psychology of Religion
PHRL 31400	New Religious Movements in America
PHRL 31601	Islam and the West
PHRL 31602	Religions of India
PHRL 31603	Religions of China
PHRL 33000	Christian Theology
PHRL 33200	Catholic Identity in the Modern World
PHRL 33400	Protestant and Catholic Reformations

Two additional courses selected from the courses listed above (6 credit hours). One course from the courses listed above or the following options:

PHRL 34600	Philosophy of Religion
PHRL 40100	Philosophy & Religion Internship

Some other relevant courses may be accepted.

No duplication of coursework allowed.

Political Science Program

The Political Science Program offers a Bachelor of Arts in the following areas:

- Political Science
- Political Science - Pre-Law Emphasis

The program also offers minors in political science and public administration.

POLITICAL SCIENCE, BA

36 credit hours

As a political science major you will learn skills that open numerous career paths, including the legal profession, government service, political campaigns, non-profit organizations, and businesses. You will have the opportunity to learn about how governments work, about the U.S. Constitution, and campaigns, as well as public policy and its creation. You will also have opportunities to develop relationships with experienced political science faculty through small class sizes and an emphasis on mentoring. We will teach you how to succeed and how to market your skills and knowledge to employers or graduate programs as you embark on your quest to change the world.

Requirements

Five required courses.

PS 15600	American Government: The States
PS 20000	Methods for Political Science
PS 30000	Comparative Analysis
PS 33500	Public Administration
PS 47500	Political Literacy

One course from the following options:

HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation

One course from the following options:

IR 20000	The Global Community
IR 35000	International Relations Theory
IR 35100	American Foreign Policy

One course from the following options:

PHRL 30000	The Natural Law
PHRL 30200	Political Philosophy
PHRL 30400	Philosophy of Law

Four courses from the following options (two of which [six credit hours] must be political science [PS] or international relations [IR] courses):

GEO 20000	Introduction to Geographic Information Systems
GEO 30000	Advanced Topics in Geographic Information Systems (GIS)
HIST 24400	The Nazi State
HIST 32500	The United States 1918-1945: Prosperity, Depression, and War
HIST 32600	The United States in the Age of the Cold War
HIST 33200	A Biography of the Constitution
HIST 34300	The Soviet Union and European Communism
HIST 34400	War and Society in the Twentieth Century
HIST 36300	Revolution in the Modern World

INTL 48020/FIN 32015	International Finance
IR 20000	The Global Community
IR 30000	Diplomatic Affairs: Peace and Conflict Resolution
IR 31000	Governing Europe
IR 32000	Transpacific Relations
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
IR 35200	Politics and Culture
IR 36100	Paris 1919: Making of the Modern World
IR 36200	Seapower: History and Application
IR 38000	Geopolitics, Grand Strategy, and War
MGMT 38900	Game Theory
PHRL 20800	Christianity and Politics
PHRL 30000	The Natural Law
PHRL 30200	Political Philosophy
PHRL 30400	Philosophy of Law
PHRL 32400	Modern Philosophy
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 31000	Congress, the Presidency, and the Party System
PS 31100	American Constitutional Law
PS 32000	Public Finance
PS 33050	Political Economy
PS 33500	Public Administration
PS 34500	Campaigns and Elections
PS 36000	Civil Liberties
PS 36700	Directed Research
PS 45000	Government Internship

Political science majors must take MTH 14100 (Basic Statistics) to fulfill the general education math requirement.

No duplication of coursework allowed.

POLITICAL SCIENCE, BA PRE-LAW EMPHASIS

33 credit hours

Law schools are interested in students who have a sound and broad general education, and who are proficient at basic skills such as reading comprehension, critical thinking, and written and oral communication. Students who desire to attend law school can major in any undergraduate discipline, but Lindenwood University's degree in political science pre-law emphasis is especially designed to equip students with the knowledge and skills that lead to success at law school.

Requirements

Four required courses:

PS 15600	American Government: The States
PS 20000	Methods for Political Science
PS 30000	Comparative Analysis
PS 47500	Political Literacy

One course from the following options:

HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation

One course from the following options:

PHRL 30000	The Natural Law
PHRL 30200	Political Philosophy
PHRL 30400	Philosophy of Law

One course from the following options:

PHRL 21000	Logic
PHRL 21001	Traditional Logic

Four courses from the following options (two of which [six credit hours] must be political science [PS] or international relations [IR] courses):

CCJ 32000	Race, Crime, and Punishment
CCJ 32100	White-Collar Crime
CCJ 35005	Women, Crime, and the Law
COM 40100	Mass Communications Law
HIST 33200	A Biography of the Constitution
HRM 36540	Employment Law
IR 20000	The Global Community
IR 35000	International Relations Theory
IR 35200	Politics and Culture
MGMT 26061	Business Law I
MGMT 36062	Business Law II
PHRL 20800	Christianity and Politics
PHRL 21000	Logic
PHRL 21001	Traditional Logic
PHRL 21002	Symbolic Logic
PHRL 30000	The Natural Law
PHRL 30200	Political Philosophy
PHRL 30400	Philosophy of Law
PS 31100	American Constitutional Law
PS 33050	Political Economy
PS 36000	Civil Liberties
PS 36700	Directed Research
PS 45000	Government Internship
SPMGT 37060	Sport Law

No duplication of coursework allowed.

POLITICAL SCIENCE MINOR

18 credit hours

Requirements

Three required courses:

PHRL 30200	Political Philosophy
PS 15600	American Government: The States
PS 30000	Comparative Analysis
One of the following options:	
HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation
Six credit hours of coursework from the following options:	
IR 35000	International Relations Theory
IR 35100	American Foreign Policy
MGMT 38900	Game Theory
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 30800	Debate
PS 31100	American Constitutional Law
PS 20000	Methods for Political Science
PS 33500	Public Administration
PS 34500	Campaigns and Elections
PS 36000	Civil Liberties
PS 36500	Appreciating Political Books
PS 36700	Directed Research
PS 37500	Public Affairs Forum
PS 45000	Government Internship
PS 47500	Political Literacy

INTL 48020/FIN 32015	International Finance
INTL 48040/ECON 43040	International Economics
MGMT 26032	Principles of Management
MGMT 26061	Business Law I
PS 30100	Comparative Public Policy
PS 30700	Public Affairs: Writing and Reporting
PS 31100	American Constitutional Law
PS 20000	Methods for Political Science
PS 33050	Political Economy
PS 34500	Campaigns and Elections
PS 36000	Civil Liberties
PS 36500	Appreciating Political Books
PS 36700	Directed Research
PS 37500	Public Affairs Forum
PS 45000	Government Internship
PS 47500	Political Literacy

PUBLIC ADMINISTRATION MINOR

18 credit hours

Requirements

Three required courses:

PS 15600	American Government: The States
PS 32000	Public Finance
PS 33500	Public Administration

One of the following options:

HIST 15500	US Government: Politics and History
PS 15500	American Government: The Nation

Six credit hours from the following options:

ACCT 21010	Principles of Financial Accounting
ACCT 41060	Governmental and Nonprofit Accounting
ECON 33020	Managerial Economics
ECON 33025	Money and Banking
ECON 33037	Current Economic and Social Policy
ECON 33055	Economics and the Environment
FIN 32000	Principles of Finance
HIST 33200	A Biography of the Constitution
HRM 36510	Human Resource Management
HRM 36520	Labor Relations
HRM 36540	Employment Law

SCHOOL OF SCIENCES

Ricardo Delgado, PhD, Dean

Mission

The School of Sciences supports the mission of Lindenwood University by

- Offering professional and pre-professional degree programs.
- Aiding students in the development of skills and talents through independent research and internship opportunities.
- Fostering adaptive thinking and problem-solving skills through the use of inquiry-based laboratory and field experiences.
- Getting students involved in numerous projects and programs that benefit the community.
- Offering general education courses that enable all students to connect science with their daily lives.

The School of Sciences is comprised of the following divisions and offers the following programs of study in each division:

Division of Behavioral and Social Sciences

- Criminology and Criminal Justice, BA
- Criminology and Criminal Justice, BA Online
- Criminology and Criminal Justice, BA Law Enforcement Academy Emphasis
- Psychology, BA
- Sociology, BA
- Ancient World Cultures Minor
- Anthropology Minor
- Criminology and Criminal Justice Minor
- Psychology Minor
- Sociology Minor

Division of Biological and Earth Sciences

- Biological Sciences, BA
- Biological Sciences, BA 9-12 Secondary Education - See School of Education
- Biological Sciences, BS
- Biological Sciences, BS Cellular and Molecular Biology Emphasis
- Biological Sciences, BS Ecology and Evolution Emphasis

- Biological Sciences Minor
- Environmental Science, BS

Division of Information Technology and Cybersecurity

- Cybersecurity, BS
- Cybersecurity, BS Online
- Information Technology, BS Applications Development Emphasis
- Information Technology, BS Applications Development Emphasis Online
- Information Technology, BS Networking Emphasis
- Information Technology, BS Networking Emphasis Online

Division of Mathematics and Computer Science

- Computer Information Systems, BA
- Computer Science, BA
- Computer Science, BS
- Mathematics, BA
- Mathematics, BA Actuarial Studies Emphasis
- Mathematics, BA 9-12 Secondary Education - See School of Education
- Mathematics, BS
- Mathematics, BS Actuarial Studies Emphasis
- Computer Science Minor
- Financial Mathematics Minor
- Mathematics Minor
- Data Analysis Certificate

Division of Physical Sciences

- Chemistry, BA
- Chemistry, BA Forensics Emphasis
- Chemistry, BA 9-12 Secondary Education - See School of Education
- Chemistry, BS
- Chemistry, BS 9-12 Secondary Education - See School of Education
- Chemistry, BS Biochemistry Emphasis
- Biochemistry Minor
- Chemistry Minor

- Engineering Physics Minor

Division of Behavioral and Social Sciences

Billi Patzius, PhD, Division Chair

Anthropology Program

Steve Dasovich, PhD, Chair

ANCIENT WORLD CULTURES MINOR

19 credit hours

The interdisciplinary minor in ancient world cultures is designed to make the study of such cultures available to students in a programmatic way, but without the requirement of learning Latin and Greek. Students can learn about the history, literature, art, and culture of antiquity. This minor is a good complement in particular to majors in anthropology, art history, English, history, and philosophy, but is available to all students regardless of major.

Requirements

Two required courses:

ANT 22500	Introduction to Archaeology
ARTH 22200	History of Western Art to 1300

Four courses selected from the following:

ANT 11200	Cultural Anthropology
ARTH 22600	History of Non-Western Art
ARTH 35700	Ancient Art
ARTH 35800	Medieval Art
ARTH 36401-36499	Topics in Non-Western Art
ARTH 38400	Classical Myth
ENGL 25600	Greek Myth, Epic, and Tragedy
HIST 10000	World History: The Ancient and Medieval World
PHRL 32000	Ancient Philosophy

Some selected Special Topics courses may be substituted with permission.

ANTHROPOLOGY MINOR

18 credit hours

Requirements

The minor in anthropology requires 18 credit hours selected from the following courses:

ANT 11200	Cultural Anthropology
ANT 13100	Biological Anthropology with Lab
ANT 19000-19999	Special Topics in Anthropology
ANT 21000	Native North American Indians

ANT 22500	Introduction to Archaeology
ANT 29000-29999	Special Topics in Anthropology
ANT 30800	Archaeological Field School
ANT 31000/CCJ 31000	Forensic Anthropology: An Introduction
ANT 31700	Social and Cultural Change
ANT 31800/SOC 31800	Race, Ethnicity, and Gender: A Global Perspective
ANT 32400	Magic, Witchcraft, and Religion
ANT 32700	Environmental Anthropology
ANT 33700	Anthropology of Migration
ANT 35000	Introduction to Cultural Resource Management
ANT 39000-39999	Special Topics in Anthropology
ANT 40500	Historical Archaeology
ANT 42000/SOC 42000	Sociocultural Theory
ANT 45000	Internship in Anthropology
SOC 31800/ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 42000/ANT 42000	Sociocultural Theory

Criminology and Criminal Justice Program

Steve Dasovich, PhD, Chair

Criminology and criminal justice are distinct yet overlapping disciplines. Criminology is the scientific study of crime, its causes, and the criminal justice system, while criminal justice is the academic study of key components of the system including legal, law enforcement, court and corrections. Both consider the nature and extent of crime and the response of criminal justice agencies to law violations. A degree in criminology and criminal justice prepares students for a multitude of careers in the legal field, public administration, law enforcement (local, state and federal), and the courts, corrections including probation and parole, juvenile delinquency, government, and community service organizations. A criminology and criminal justice degree from Lindenwood University is also an excellent choice for those who plan to pursue a graduate degree in law, the social sciences, or a career researching crime, criminal offenders, or any aspect of the criminal justice system. The following are offered:

- Bachelor of Arts in Criminology and Criminal Justice (no emphasis area)
- Bachelor of Arts in Criminology and Criminal Justice, (no emphasis area) - Online

- Bachelor of Arts in Criminology and Criminal Justice, law enforcement academy emphasis

A minor in criminology and criminal justice is also offered.

All of the above degrees require the completion of the criminology and criminal justice core courses listed below. Majors with no emphasis area must complete the criminology and criminal justice elective courses shown below. Students who are completing the Bachelor of Arts in criminology and criminal justice with a law enforcement academy emphasis must complete the indicated courses listed within the emphasis.

CRIMINOLOGY AND CRIMINAL JUSTICE, BA

51 credit hours

Requirements

27 credit hours

CCJ 11000	Criminal Justice Systems
CCJ 20000	Criminology
CCJ 30000	Policing in America
CCJ 30100	Criminal Law and Procedure
CCJ 30500	Corrections
CCJ 32000	Race, Crime, and Punishment
CCJ 33300	Research Methods for Criminology and Criminal Justice
CCJ 44000	Senior Seminar in Criminal Justice
MTH 14100	Basic Statistics

Criminology and Criminal Justice Major Electives

24 credit hours

Students seeking the criminology and criminal justice degree must complete the CCJ core requirements and 24 credit hours of electives selected from the following options:

CCJ 20500	Criminal Justice Observation
CCJ 22500	Comparative Crime and Justice Studies
CCJ 24000-24999	Special Topics in Criminology and Criminal Justice
CCJ 31100	The Juvenile Justice System
CCJ 31500	Victimology
CCJ 32100	White-Collar Crime
CCJ 32600/SOC 32600	Alcohol, Drugs, and Society
CCJ 33100	Criminal Investigation
CCJ 33800	Criminal Minds
CCJ 34000-34999	Special Topics in Criminology and Criminal Justice
CCJ 35005	Women, Crime, and the Law

CCJ 35500	Criminal Justice Ethics
CCJ 39000-39999	Special Topics in Criminology and Criminal Justice
CCJ 45000	Practicum in Criminology and Criminal Justice

See area of emphasis:

Criminology and Criminal Justice BA - Law Enforcement Academy Emphasis (p. 177)

CRIMINOLOGY AND CRIMINAL JUSTICE, BA LAW ENFORCEMENT ACADEMY EMPHASIS

51 credit hours

Requirements

CCJ 11000	Criminal Justice Systems
CCJ 20000	Criminology
CCJ 24500	Police Academy Preparatory
CCJ 30000	Policing in America
CCJ 30100	Criminal Law and Procedure
CCJ 30500	Corrections
CCJ 32000	Race, Crime, and Punishment
CCJ 33300	Research Methods for Criminology and Criminal Justice
CCJ 44000	Senior Seminar in Criminal Justice
CCJ 46000	St. Louis County and Municipal Police Academy
MTH 14100	Basic Statistics
6 credit hours from the following options:	
CCJ 20500	Criminal Justice Observation
CCJ 22500	Comparative Crime and Justice Studies
CCJ 24000-24999	Special Topics in Criminology and Criminal Justice
CCJ 31100	The Juvenile Justice System
CCJ 31500	Victimology
CCJ 32100	White-Collar Crime
CCJ 32600/SOC 32600	Alcohol, Drugs, and Society
CCJ 33100	Criminal Investigation
CCJ 33800	Criminal Minds
CCJ 34000-34999	Special Topics in Criminology and Criminal Justice
CCJ 35005	Women, Crime, and the Law
CCJ 35500	Criminal Justice Ethics
CCJ 39000-39999	Special Topics in Criminology and Criminal Justice
CCJ 45000	Practicum in Criminology and Criminal Justice

CRIMINOLOGY AND CRIMINAL JUSTICE MINOR

18 credit hours

Requirements

Students may earn a criminology and criminal justice minor by completing the following courses:

CCJ 11000	Criminal Justice Systems
CCJ 20000	Criminology

Plus twelve credit hours from the following:

ANT 31000/CCJ 31000	Forensic Anthropology: An Introduction
CCJ 22500	Comparative Crime and Justice Studies
CCJ 30000	Policing in America
CCJ 30100	Criminal Law and Procedure
CCJ 30500	Corrections
CCJ 31100	The Juvenile Justice System
CCJ 31500	Victimology
CCJ 32000	Race, Crime, and Punishment
CCJ 33100	Criminal Investigation
CCJ 33300	Research Methods for Criminology and Criminal Justice
CCJ 33800	Criminal Minds
CCJ 35005	Women, Crime, and the Law
CCJ 35500	Criminal Justice Ethics
SOC 32600/CCJ 32600	Alcohol, Drugs, and Society

Psychology Program

Suzanne Stoelting, PhD, Chair

The Bachelor of Arts in psychology is a general liberal arts degree that prepares graduates for lifelong learning. Features of the major include exposure to and practice in problem solving skills, critical thinking skills, information-gathering and synthesis skills, interpersonal and intrapersonal skills, and skills in research and statistical reasoning. The field's knowledge base regarding human behavior is pertinent to virtually all careers that entail dealing with people. Students with a bachelor's degree in psychology commonly enter careers in the fields of human services, business, human resources, education, and criminal justice. Psychology majors sometimes pursue graduate study in a variety of fields, including counseling, psychology, social work, law, healthcare, business, and education. Lindenwood University offers both a Bachelor of Arts in psychology and a minor in psychology. Course requirements are given below.

PSYCHOLOGY, BA

42 credit hours

Requirements

PSY 10000	Principles of Psychology
PSY 30300	Abnormal Psychology
PSY 30400	Basic Research Methods
PSY 30600	Behavioral Science Statistics
PSY 48500	Senior Seminar

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Clinical Psychology

6 credit hours from the following:

PSY 30900	Personality
PSY 31100	Behavior Modification
PSY 32100	Health Psychology
PSY 32400	Psychological Testing
PSY 34100	Psychotherapy

Experimental Psychology

6 credit hours from the following:

PSY 32500	Behavioral Neuroscience
PSY 32600	Sensation and Perception
PSY 33000	Psychology of Learning and Memory
PSY 33100	Cognitive Psychology
PSY 33200	Psychology of Motivation and Emotion
PSY 33400	Social Psychology

Developmental Psychology

6 credit hours from the following:

PSY 20500	Human Development
PSY 20800	Child Psychology
PSY 21000	Psychology of Parenting
PSY 31200	Psychology of Aging
PSY 31300	Psychology of Adolescence
PSY 36500	Human Sexuality

General Psychology

6 credit hours from the following:

PSY 21500	Careers in Psychology
PSY 23500	Death and Dying
PSY 29000- 29999	Special Topics in Psychology
PSY 30800	Psychology of Women
PSY 39000- 39999	Special Topics in Psychology
PSY 40400	Advanced Research Methods
PSY 45000	Psychology Practicum
PSY 48000	Psychology Research Lab
PSY 48300	Senior Thesis

PSYCHOLOGY MINOR

21 credit hours

Requirements

The minor in psychology requires the completion of the following courses:

PSY 10000	Principles of Psychology
PSY 30300	Abnormal Psychology

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

Plus three credit hours in clinical psychology courses, selected from among the following options:

PSY 30900	Personality
PSY 31100	Behavior Modification
PSY 32100	Health Psychology
PSY 32400	Psychological Testing
PSY 34100	Psychotherapy

Plus three credit hours in experimental psychology courses, selected from among the following options:

PSY 32500	Behavioral Neuroscience
PSY 32600	Sensation and Perception
PSY 33000	Psychology of Learning and Memory
PSY 33100	Cognitive Psychology
PSY 33200	Psychology of Motivation and Emotion
PSY 33400	Social Psychology

Plus three credit hours in developmental psychology courses, selected from among the following options:

PSY 20500	Human Development
PSY 20800	Child Psychology
PSY 21000	Psychology of Parenting
PSY 31200	Psychology of Aging
PSY 31300	Psychology of Adolescence
PSY 36500	Human Sexuality

Plus three credit hours in general psychology courses selected from among the following options:

PSY 21500	Careers in Psychology
PSY 23500	Death and Dying
PSY 29000-29999	Special Topics in Psychology
PSY 30800	Psychology of Women
PSY 39000-39999	Special Topics in Psychology
PSY 40400	Advanced Research Methods
PSY 45000	Psychology Practicum
PSY 48000	Psychology Research Lab
PSY 48300	Senior Thesis

Sociology Program

Suzanne Stoelting, PhD, Chair

The Bachelor of Arts in Sociology provides students with a broad global perspective for understanding society and its relationship to individual and group behavior. The courses within this degree program will help prepare students for a broad range of careers in law, government service, business, counseling, journalism, social services, urban policy development, teaching, international relations, consulting, and statistical survey research.

SOCIOLOGY, BA

46 credit hours

Requirements

ANT 11200	Cultural Anthropology
MTH 14100	Basic Statistics
PSY 10000	Principles of Psychology
PSY 30400	Basic Research Methods
PSY 30600	Behavioral Science Statistics
SOC 10200	Basic Concepts of Sociology
SOC 42000/ANT 42000	Sociocultural Theory
SOC 46000	Senior Capstone in Sociology

Electives

24 credit hours from the following:

ANT 21000	Native North American Indians
ANT 31700	Social and Cultural Change
ANT 32400	Magic, Witchcraft, and Religion
PSY 33400	Social Psychology
SOC 21100	Introduction to Applied Sociology
SOC 21400	The Family
SOC 22000	Social Problems
SOC 29000-29999	Special Topics in Sociology
SOC 30400	The Sociology of Gender Roles
SOC 32600/CCJ 32600	Alcohol, Drugs, and Society
SOC 31800/ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32100	Urban Sociology
SOC 32200	Social Deviance
SOC 33500	Sociology of Sport
SOC 39000-39999	Special Topics in Sociology
SOC 40000	Undergraduate Research
SOC 45000	Internship in Sociology
SOC 48900	Honors Project

SOCIOLOGY MINOR

18 credit hours

Requirements

The minor in sociology requires a total of 18 credit hours. Students must take the following course:

SOC 10200 Basic Concepts of Sociology

Plus 15 additional credit hours of coursework, selected from the following options:

ANT 11200	Cultural Anthropology
PSY 33400	Social Psychology
SOC 21100	Introduction to Applied Sociology
SOC 21400	The Family
SOC 22000	Social Problems
SOC 29000-29999	Special Topics in Sociology
SOC 30400	The Sociology of Gender Roles
SOC 32600/CCJ 32600	Alcohol, Drugs, and Society
SOC 31800/ANT 31800	Race, Ethnicity, and Gender: A Global Perspective
SOC 32100	Urban Sociology
SOC 32200	Social Deviance
SOC 33500	Sociology of Sport
SOC 39000-39999	Special Topics in Sociology
SOC 40000	Undergraduate Research
SOC 42000/ANT 42000	Sociocultural Theory
SOC 45000	Internship in Sociology
SOC 48900	Honors Project

Division of Biological and Earth Sciences

Alison Albee, PhD, Division Director

Biological Sciences Department

The Biological Sciences Program offers several different degrees to prepare students for a variety of interesting and fulfilling career opportunities. Many students who elect to major in the biological sciences are interested in pursuing careers in healthcare, such as physician, dentist, physicians' assistant, clinical laboratory scientist, and many others. For these students, the Bachelor of Science in biological sciences is the best degree choice. It is also the best preparation for students who plan to pursue graduate studies in biology and related fields.

Students who plan to enter the workforce immediately after earning a bachelor's degree often pursue the Bachelor of Arts in biological sciences. These graduates find

employment in testing and research labs in a variety of industry and academic settings.

Many students choose a biological sciences major because they plan to teach at the high school level. For those students, the Biological Sciences Program offers the Bachelor of Arts in biological sciences with certification in secondary education which prepares students to teach high school biology.

A minor in biological sciences is also offered.

BIOLOGICAL SCIENCES, BA

64 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48800	Genetics of Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 15100	College Algebra
MTH 15200	Pre-calculus: Elementary Functions
MTH 24100	Statistics for Natural Science

One of the following:

BSC 34100	Vertebrate Zoology
BSC 36400	Entomology

Plus six credit hours of biological sciences electives, selected from the following courses:

Alternatively, other 30000-level or above courses may be an accepted elective with prior approval by the department. Additional credits will be required to meet the university 42 credit minimum of 30000 or higher level courses and may be fulfilled with Biological Sciences or other department electives.

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 23000	Microbiology for Health Sciences
BSC 26300	Environmental Policy
BSC 28000	Introduction to Clinical Laboratory Science
BSC 30200	Biometry I: Introduction to R

BSC 35300	Microbiology
BSC 35800	Parasitology
BSC 36200	Advanced Environmental Biology
BSC 36400	Entomology
BSC 36600	Field Biology
BSC 36800	Biology in Society
BSC 37400	Embryogenesis
BSC 41300	Immunology
BSC 42200/CHM 42200	Biochemistry: Metabolism
BSC 48000	Independent Research

BIOLOGICAL SCIENCES, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

Students seeking (Grades 9-12) certification must (1) earn a bachelor of arts in biological sciences and (2) complete the requirements for a minor in secondary education (Grades 9-12).

Note that students seeking (Grades 9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. See the description of the minor in secondary education (Grades 9-12) in the School of Education section of this catalog. (p. 116)

BIOLOGICAL SCIENCES, BS

76-78 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 32000	Plant Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48800	Genetics of Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 24100	Statistics for Natural Science

One of the following:

BSC 34100	Vertebrate Zoology
BSC 36400	Entomology

Students also select one of the following sets of courses:

MTH 17300	Survey of Calculus
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
	or
MTH 27100	Calculus I
MTH 27200	Calculus II

Plus six credit hours of biological sciences electives, selected from the following options:

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 23000	Microbiology for Health Sciences
BSC 26300	Environmental Policy
BSC 28000	Introduction to Clinical Laboratory Science
BSC 30200	Biometry I: Introduction to R
BSC 35300	Microbiology
BSC 35800	Parasitology
BSC 36200	Advanced Environmental Biology
BSC 36400	Entomology
BSC 36600	Field Biology
BSC 36800	Biology in Society
BSC 37400	Embryogenesis
BSC 41300	Immunology
BSC 42200/CHM 42200	Biochemistry: Metabolism
BSC 48000	Independent Research

Alternatively, other 30000-level or above courses may be an accepted elective with prior approval by the department. Additional credits will be required to meet the university 42 credit minimum of 30000 or higher level courses and may be fulfilled with biological sciences or other department electives.

BIOLOGICAL SCIENCES, BS CELLULAR AND MOLECULAR BIOLOGY EMPHASIS

65-67 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 48800	Genetics of Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2

CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
MTH 24100	Statistics for Natural Science

Students also select one of the following sets of courses:

MTH 17300	Survey of Calculus
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
	or
MTH 27100	Calculus I
MTH 27200	Calculus II

Plus a minimum of 10 credit hours of elective selected from the following:

BSC 28000	Introduction to Clinical Laboratory Science
BSC 30200	Biometry I: Introduction to R
BSC 35300	Microbiology
BSC 35800	Parasitology
BSC 36800	Biology in Society
BSC 37400	Embryogenesis
BSC 41300	Immunology
BSC 42200/CHM 42200	Biochemistry: Metabolism
BSC 48000	Independent Research

Alternatively, other 30000-level or above courses may be an accepted elective with prior approval by the department.

Additional credits will be required to meet the university 42 credit minimum of 30000 or higher level courses and may be fulfilled with biological sciences or other department electives.

BIOLOGICAL SCIENCES, BS ECOLOGY AND EVOLUTION EMPHASIS

64-66 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 28500	Methods and Writing for Biology
BSC 46400	Evolution
BSC 46500	General Ecology
BSC 48800	Genetics of Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I

CHM 36200	Organic Chemistry II
MTH 24100	Statistics for Natural Science

Students also select one of the following sets of courses:

MTH 17300	Survey of Calculus
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II
	or
MTH 27100	Calculus I
MTH 27200	Calculus II

Plus a minimum of 10 credit hours of electives selected from the following:

BSC 30200	Biometry I: Introduction to R
BSC 32000	Plant Biology
BSC 34100	Vertebrate Zoology
BSC 35800	Parasitology
BSC 36200	Advanced Environmental Biology
BSC 36400	Entomology
BSC 36600	Field Biology
BSC 36800	Biology in Society
BSC 48000	Independent Research

Alternatively, other 30000-level or above courses may be an accepted elective with prior approval by the department. Additional credits will be required to meet the university 42 credit minimum of 30000 or higher level courses and may be fulfilled with Biological Sciences or other department electives.

BIOLOGICAL SCIENCES MINOR

37-38 credit hours

Requirements

The minor in biological sciences requires the following courses:

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
	or
BSC 46500	General Ecology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
MTH 24100	Statistics for Natural Science

Pre-Chiropractic

Lindenwood University offers a 3+3 degree program in association with Logan College of Chiropractic. Essentially, students follow the Lindenwood curriculum

for a Bachelor of Science in biological sciences. If the student is accepted into Logan College after the third year at Lindenwood, he or she will transfer to Logan for the fourth year. After completing the first year of study at Logan, the student will earn the Bachelor of Science in biological sciences from Lindenwood University. Two additional years of study at Logan College are required to earn a Doctor of Chiropractic. Students who are interested in this program must work closely with an academic advisor in order to complete the curriculum requirements in the prescribed sequence. Students should also contact Logan College by the second year at Lindenwood to obtain updated information on admission and application requirements.

Earth Sciences Program

The Earth Sciences Program offers a Bachelor of Science degree in environmental science, as well as courses in earth sciences. A degree in environmental sciences provides students with the necessary skill sets to find a job related to the environment in business, industry or a regulatory agency, or as preparation for further training in graduate school. This degree prepares students in the physical and chemical processes related to the environment that allows them to perform a variety of tasks required of environmental scientists, such as: project planning; data acquisition; physical and chemical analysis of samples to identify threats to the environment; data processing and analysis; assessment of potential environmental hazards and health risks; environmental remediation techniques and their evaluation; preparation of technical reports and presentations to explain environmental findings.

Additionally, the curriculum offered in earth sciences meets or provides the following:

- Requirements for secondary science teachers when demand for science educators is at an all-time high.
- Additional flexibility in meeting the general education science requirements for all undergraduates.
- New opportunities for undergraduates interested in environmental science.

ENVIRONMENTAL SCIENCE, BS

74 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
BSC 26300	Environmental Policy
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3

CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
	or
CHM 36100	Organic Chemistry I
ESC 10000	Physical Geology with Lab
ESC 11200	Fundamentals of Environmental Science
ESC 32000	Hydrology
ESC 33000	Fundamentals of Soil Science
ESC 34000	Environmental Sampling and Data Management
ESC 40000	Hydrogeology
ESC 41000	Environmental Fate of Contaminants
GEO 20000	Introduction to Geographic Information Systems
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I

Plus a minimum of six credit hours from the list below:

BSC 32000	Plant Biology
BSC 36200	Advanced Environmental Biology
BSC 36600	Field Biology
BSC 46500	General Ecology
ENV 45000	Environmental Internship
ESC 35000	Hazardous Waste Management
ESC 42000	Environmental Risk Assessment

Natural Sciences

Natural science courses (SCI) are offered as interdisciplinary courses in the Schools of Sciences and Humanities. No major is offered.

Division of Information Technology and Cybersecurity

Cybersecurity Program

CYBERSECURITY, BS

66-67 credit hours

Requirements

ICS 21300	Foundations of Information Technology
ICS 21400	Foundations of Networking
ICS 31000	Foundations of Cybersecurity
ICS 32700	Network and Cloud Security
ICS 32800	Digital Forensics and Cyber Investigation
ICS 41100	Microsoft Windows Server Installation & Configuration

ICS 41200	Linux Server Installation & Configuration
ICS 41400	Microsoft Server Identity Administration
ICS 42100	Ethical Hacking
ICS 42300	Advanced Penetration Testing
ICS 42400	Cybersecurity Analysis
ICS 43200	Secure Software Development
ICS 43300	Web Based Application Security
ICS 48900	Cybersecurity Capstone
IIT 21500	Programming Logic and Design
IIT 22000	Hardware and Operating Systems
IIT 33400	Ethical Issues in Cybersecurity
IIT 33500	Blockchain Technology for Business
IIT 35100	Database Analysis and Design Concepts
IIT 48100	Project Management in Information Technology

6 credit hours from the following:

MTH 14100	Basic Statistics Any GE-Math course.
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Information Technology Program

INFORMATION TECHNOLOGY, BS APPLICATIONS DEVELOPMENT EMPHASIS

66-67 credit hours

Requirements

ICS 21300	Foundations of Information Technology
ICS 21400	Foundations of Networking
ICS 31000	Foundations of Cybersecurity
IIT 21500	Programming Logic and Design
IIT 22000	Hardware and Operating Systems
IIT 33500	Blockchain Technology for Business
IIT 35100	Database Analysis and Design Concepts
IIT 48100	Project Management in Information Technology

Emphasis Courses

ICS 43200	Secure Software Development
IIT 31400	Agile Software Development
IIT 34020	Mobile Applications Programming
IIT 34050	C# Programming
IIT 37700	Fundamentals of HTML
IIT 37800	Applications in Web Development
IIT 41000	Systems Analysis and Design

IIT 45200	Database Application Implementation
IIT 47700	Fundamentals of User Interface Design
IIT 47800	Applications in Object-Oriented Web Development
IIT 47900	Applications in Multi-Tiered Web Programming
IIT 48900	Information Technology Capstone

General Education Math Requirements for Information Technology

Six credit hours required from the following courses:

MTH 14100	Basic Statistics Any GE-Math course.
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INFORMATION TECHNOLOGY, BS NETWORKING EMPHASIS

66-67 credit hours

Requirements

ICS 21300	Foundations of Information Technology
ICS 21400	Foundations of Networking
ICS 31000	Foundations of Cybersecurity
ICS 43400	Network Management
IIT 21500	Programming Logic and Design
IIT 22000	Hardware and Operating Systems
IIT 33500	Blockchain Technology for Business
IIT 35100	Database Analysis and Design Concepts
IIT 48100	Project Management in Information Technology

Emphasis Courses

ICS 32300	Cisco I-Introduction to Networks
ICS 32301	Introduction to Networks Lab
ICS 32400	Cisco II-Routing and Switching Essentials
ICS 32401	Routing and Switching Lab
ICS 32500	Cisco III-Scaling Networks
ICS 32501	Scaling Networks Lab
ICS 32600	Cisco IV-Connecting Networks
ICS 32601	Connecting Networks Lab
IIT 36600	Fundamentals of Data Center Virtualization
IIT 36700	Fundamentals of Cloud Computing
IIT 48900	Information Technology Capstone

Students must be concurrently enrolled into the Cisco lecture course (5 credit hours) and lab (1 credit hour) with a few exceptions.

Students who are exempt from this policy:

1. Students who transfer one or more Cisco courses, with a C or better, from an accredited college or university or have passed one or more Cisco courses at Lindenwood University from a previous catalog are exempt from taking the concurrent lab course(s).
2. Students who have one or more current Cisco certifications and received experiential learning credits are also exempt from taking the concurrent lab course(s).

Concurrent courses:

1. ICS 32300 Cisco I - Introduction to Networks (5 credit hours) and ICS 32301 Introduction to Networks Lab (1 credit hour)
2. ICS 32400 Cisco II – Routing and Switching Essentials (5 credit hours) and ICS 32401 Routing and Switching Lab (1 credit hour)
3. ICS 32500 Cisco III - Scaling Networks (5 credit hours) and ICS 32501 Scaling Networks Lab (1 credit hour)
4. ICS 32600 Cisco IV – Connecting Networks (5 credit hours) and ICS 32601 Connecting Networks Lab (1 credit hour)

General Education Math Requirements for Information Technology

Six credit hours required from the following courses:

MTH 14100	Basic Statistics
	Any GE-Math course.

Division of Mathematics and Computer Science

Erin Martin, PhD, Division Director

Computer Science Program

Computer science and computer information systems majors can expect to work in jobs ranging from design and development of commercial systems to the development of virtual reality and computer graphic programs. The role of the computer industry has always been one of leadership in both science and commerce. From the on-line computerized navigation systems of the early moon landings to scanner-based retail inventory systems, computer science and computer information systems have provided the nation with a technological edge. Today, the industry has expanded into telecommunications, virtual reality training and entertainment, using the internet for commerce and information dissemination, robotics, exploration, as well as many other applications. The Computer Science Program offers the following degrees:

- Bachelor of Arts in Computer Information Systems
- Bachelor of Arts in Computer Science

- Bachelor of Science in Computer Science

The department also offers a minor in computer science.

The Bachelor of Science in computer science is intended for students seeking an in-depth knowledge of the computer and computer systems. Majors in computer science are generally concerned with the use of computers for scientific oriented methods, applied mathematical problems, and research. In addition to computer science courses, students will be required to take courses in calculus and physics. Students pursuing this degree either minor in mathematics or add mathematics as a second major.

The Bachelor of Arts in computer science is intended for students seeking a broader knowledge of computer systems.

Students pursuing this degree normally minor in one of the liberal arts programs or even pursue a double major with the second major in the area of liberal arts.

The Bachelor of Arts in computer information systems is intended for students interested in the business applications of computers and business-oriented methods and issues. The student will be required to complete courses in accounting, economics, management, and organizational behavior. Students in this program should consider a minor in some aspect of business.

Students majoring in computer science may also participate in a dual degree program in engineering. See the pre-engineering section of this catalog for more information.

Cooperative Education Program

Cooperative education credit is available to selected undergraduate students in computer science. Participation in the program is on a voluntary basis, allowing a student to earn up to nine hours of credit. This program affords the student the opportunity to integrate work experience with academic experience. The Cooperative Education Program is a partnership between the student, Lindenwood University, and the employer.

Participation in the program greatly increases a student's opportunities for employment after graduation. To be eligible for the program, the student must:

- Have completed CSC 25500 with a C or better
- Have a minimum 2.8 grade point average
- Be in good academic standing status with the university at the time of application
- Receive the recommendation of the computer science faculty

For further information, students should contact the academic advisor for this program.

COMPUTER INFORMATION SYSTEMS, BA

62 credit hours

Requirements

Required courses for the Bachelor of Arts in Computer Information Systems are as follows:

ACCT 21010	Principles of Financial Accounting
ACCT 21011	Principles of Managerial Accounting
COM 11000	Fundamentals of Oral Communication
CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 28500	Applied Discrete Structures
CSC 30500	Principles of Database Systems
CSC 43000	Senior Project
CSC 44700	Project Management and Practice
ECON 23010	Survey of Economics
MGMT 26032	Principles of Management
MGMT 36050	Organizational Behavior
MTH 14100	Basic Statistics
MTH 15100	College Algebra

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 15 credit hours selected from among the following options:

AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 36300	Web Design - User Experience III
AAD 42400	Applications for Mobile Devices
CSC 34400	GUI Application Design
CSC 35500	Computer Systems I
CSC 36000	Data Structures and Algorithms
CSC 48000	Telecommunications and Computer Networking
CSC 40500	Computer Graphics
CSC 40800	Organization of Programming Languages
CSC 45100	Cooperative Education in Computer Science I
CSC 45111	Internship
CSC 45200	Cooperative Education in Computer Science II
CSC 45211	Internship
CSC 45500	Computer Systems II
DSCI 30100	Data Analysis with R
DSCI 35600	Machine Learning

GAM 30120	Level Design
GAM 35800	Game Development I
MTH 28500	Introduction to Advanced Mathematics
MTH 35100	Numerical Methods

COMPUTER SCIENCE, BA

53 credit hours

Requirements

Required courses for the Bachelor of Arts in Computer Science are the following:

COM 11000	Fundamentals of Oral Communication
CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 28500	Applied Discrete Structures
CSC 36000	Data Structures and Algorithms
CSC 43000	Senior Project
MTH 24100	Statistics for Natural Science

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 27 credit hours selected from among the following options:

AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 36300	Web Design - User Experience III
AAD 42400	Applications for Mobile Devices
CSC 30500	Principles of Database Systems
CSC 34400	GUI Application Design
CSC 35500	Computer Systems I
CSC 40500	Computer Graphics
CSC 40800	Organization of Programming Languages
CSC 44700	Project Management and Practice
CSC 45100	Cooperative Education in Computer Science I
CSC 45111	Internship
CSC 45200	Cooperative Education in Computer Science II
CSC 45211	Internship
CSC 45500	Computer Systems II
CSC 48000	Telecommunications and Computer Networking
DSCI 30100	Data Analysis with R
DSCI 35600	Machine Learning
GAM 30120	Level Design
GAM 35800	Game Development I

MTH 28500	Introduction to Advanced Mathematics
MTH 35100	Numerical Methods

MTH 28500	Introduction to Advanced Mathematics
MTH 35100	Numerical Methods

COMPUTER SCIENCE, BS

70 credit hours

Requirements

COM 11000	Fundamentals of Oral Communication
CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 28500	Applied Discrete Structures
CSC 30500	Principles of Database Systems
CSC 35500	Computer Systems I
CSC 36000	Data Structures and Algorithms
CSC 43000	Senior Project
CSC 45500	Computer Systems II
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

Two semesters (eight credit hours) of General Education Science with Lab (from same discipline) at or above the 20000-level.

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are 15 credit hours selected from among the following options:

AAD 36100	Web Design - User Experience I
AAD 36200	Web Design - User Experience II
AAD 36300	Web Design - User Experience III
AAD 42400	Applications for Mobile Devices
CSC 34400	GUI Application Design
CSC 40500	Computer Graphics
CSC 40800	Organization of Programming Languages
CSC 44700	Project Management and Practice
CSC 45100	Cooperative Education in Computer Science I
CSC 45111	Internship
CSC 45200	Cooperative Education in Computer Science II
CSC 45211	Internship
CSC 48000	Telecommunications and Computer Networking
DSCI 30100	Data Analysis with R
DSCI 35600	Machine Learning
GAM 30120	Level Design
GAM 35800	Game Development I

COMPUTER SCIENCE MINOR

23 credit hours

Requirements

Required courses for the minor in computer science are the following:

CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 36000	Data Structures and Algorithms

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Also required are nine credit hours selected from among the following options:

CSC 25500	Assembly Language Programming
CSC 30500	Principles of Database Systems
CSC 34400	GUI Application Design
CSC 48000	Telecommunications and Computer Networking
CSC 40300	Computer Architecture
CSC 40500	Computer Graphics
CSC 40600	Operating Systems
CSC 40800	Organization of Programming Languages
CSC 43000	Senior Project
CSC 44700	Project Management and Practice
CSC 45100	Cooperative Education in Computer Science I
CSC 45111	Internship
CSC 45200	Cooperative Education in Computer Science II
CSC 45211	Internship

Data Science Program

The Data Science Program offers the following degree:

- Bachelor of Science in Data Science

The program also offers a minor in data science and a certificate in data analysis.

DATA SCIENCE, BS

72-75 credit hours

Requirements

CSC 14400	Computer Science I
CSC 24400	Computer Science II
CSC 30500	Principles of Database Systems
DSCI 11000	Introduction to Data Science
DSCI 30100	Data Analysis with R
DSCI 35600	Machine Learning
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 31500	Linear Algebra I
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis

Elective Courses

Students completing the Bachelors of Science in data science must also complete 27 – 30 credit hours of elective courses selected from the two groups below. The elective requirements can be satisfied by completing either of the following options:

- 9 credit hours of courses from Group 1 and 18 credit hours of courses from Group 2.
- 15 credit hours of courses from Group 1 and 15 credit hours of courses from Group 2.

Group 1

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
BSC 24800	Introduction to Ecology and Evolution
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 24100	General Chemistry 2 Laboratory
CHM 23200	General Chemistry 3
CHM 24200	General Chemistry 3 Laboratory
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
MGMT 24000	Introduction to Information Systems
MGMT 26014	Excel for Professionals
PHY 30100	General Physics I
PHY 30200	General Physics II

Group 2

BSC 32000	Plant Biology
BSC 35300	Microbiology
BSC 40400	Cell Biology
BSC 40800	Genetics
BSC 46400	Evolution
BSC 46500	General Ecology

CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 45500	Instrumental Analysis
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CSC 28500	Applied Discrete Structures
CSC 36000	Data Structures and Algorithms
CSC 45100	Cooperative Education in Computer Science I Internship
CSC 45111	Internship
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 43078	Econometrics
MGMT 36033	Business Analytics I
MGMT 46033	Business Analytics II
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics
MTH 48000	Mathematics Internship

DATA SCIENCE MINOR

25 credit hours

Requirements

The minor in data science requires completion of the following courses:

CSC 14400	Computer Science I
DSCI 11000	Introduction to Data Science
DSCI 30100	Data Analysis with R
DSCI 35600	Machine Learning
MGMT 26014	Excel for Professionals
MGMT 36033	Business Analytics I
MTH 24100	Statistics for Natural Science
MTH 34500	Regression Analysis

DATA ANALYSIS CERTIFICATE

13-15 credit hours

Only degree-seeking Lindenwood undergraduate students are eligible to earn this career certificate.

The certificate in data analysis is designed to provide students with the skills needed to process, analyze, and present information obtained from large data sets.

Requirements

DSCI 30100	Data Analysis with R
MGMT 26014	Excel for Professionals
MTH 14100	Basic Statistics
	or
MTH 24100	Statistics for Natural Science

Plus one course selected from the following:

GEO 20000	Introduction to Geographic Information Systems
MGMT 36033	Business Analytics I
MTH 34500	Regression Analysis

Additional requirements:

In addition, the student must complete 1-3 credit hours of independent research or an internship course with an emphasis on data analysis. This project or internship should be taken as a capstone to the program, and should employ and build upon skills developed in other courses taken as part of the requirements of the certificate. The project or internship must be approved by the student's advisor, as well as the Chair of the Division of mathematics and computer science.

Mathematics Program

Mathematics majors can expect to work in jobs ranging from teaching high school, to pension consulting and risk analysis, to computer simulations, to statistical analysis. Other positions involve business development, systems analysis and design, and systems and networks operation. Mathematics provides a very strong background for the study of law, engineering, or economics. The greatest strength of mathematics is in providing the firm foundation in the fundamental rules of abstraction and expression. Mathematics shapes the way one thinks about problems and hones one's ability for analytical thought. It provides excellent background to model data, determine optimal information, and understand spatial and temporal relationships.

The Bachelor of Science in mathematics and the Bachelor of Arts in mathematics prepare students for graduate studies in mathematics, bioinformatics, operations research, and management science. Other options include employment at large corporations as operations research personnel, computing researchers (with a computer science minor), and statisticians. The Bachelor of Arts in mathematics with secondary certification prepares students for a teaching career in high schools. The Bachelor of Science in mathematics and the Bachelor of Arts in mathematics with an actuarial studies emphasis are intended for students seeking jobs as actuaries in the insurance industry. The actuarial emphasis prepares students for the professional actuarial examinations offered by the Society of Actuaries. A minor in mathematics is often pursued by computer science majors. It supplements their education enabling them to work more efficiently as programmers in computer simulations.

The Mathematics Program offers the following degrees:

- Bachelor of Arts in Mathematics
- Bachelor of Arts in Mathematics with Actuarial Studies Emphasis

- Bachelor of Arts in Mathematics with Secondary Certification
- Bachelor of Science in Mathematics
- Bachelor of Science in Mathematics with Actuarial Studies Emphasis

The program also offers a minor in financial mathematics.

A student majoring in mathematics may also take a minor in engineering physics or participate in a pre-engineering program. Possible career paths include jobs with large aerospace, automobile, and electronic corporations. The pre-engineering program requires students to take the first two years at Lindenwood and complete the remainder of the degree in their chosen engineering specialty at an affiliated university. The program requires completion of a certain core of courses in mathematics, physics, computer science, chemistry and engineering. See the pre-engineering (p. 195) section of this catalog for more information.

MATHEMATICS, BA

50 credit hours

Requirements

CSC 14400	Computer Science I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
PHY 30100	General Physics I

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
DSCI 11000	Introduction to Data Science

Math Elective Courses

Students also must complete nine credit hours of mathematics coursework selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics
MTH 33000	Geometry

MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis
MTH 35100	Numerical Methods
MTH 36100	Partial Differential Equations
MTH 37000	Advanced Calculus
MTH 38900	Undergraduate Research
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

MATHEMATICS, BA ACTUARIAL STUDIES EMPHASIS

71 credit hours

Requirements

CSC 14400	Computer Science I
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
PHY 30100	General Physics I

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
DSCI 11000	Introduction to Data Science

Emphasis Area Courses (27 credit hours)

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis

Nine credit hours of MTH coursework above counts as elective coursework for the BA in Mathematics.

Math Elective Courses (12 credit hours)

MTH 31300	History of Mathematics
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MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis
MTH 35100	Numerical Methods
MTH 36100	Partial Differential Equations
MTH 37000	Advanced Calculus
MTH 38900	Undergraduate Research
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

MATHEMATICS, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

Students seeking (Grades 9-12) certification must (1) earn a bachelor of arts in mathematics and (2) complete the requirements for a minor in education (Grades 9-12). Note that students seeking (Grades 9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. (p. 122) See the requirements in the School of Education section of this catalog. (p. 122)

MATHEMATICS, BS

67 credit hours

Requirements

The Bachelor of Science in Mathematics requires the completion of the following core courses:

CSC 14400	Computer Science I
CSC 24400	Computer Science II
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
MTH 37000	Advanced Calculus
PHY 30100	General Physics I
PHY 30200	General Physics II

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
DSCI 11000	Introduction to Data Science

Math Elective Courses

Students must also complete 15 credit hours of mathematics courses selected from among the following options:

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis
MTH 35100	Numerical Methods
MTH 36100	Partial Differential Equations
MTH 38900	Undergraduate Research
MTH 39000- 39999	Special Topics in Applied Mathematics
MTH 49000- 49999	Special Topics in Mathematics

Mathematics, BS Actuarial Studies Emphasis

79 credit hours

Requirements

CSC 14400	Computer Science I
CSC 24400	Computer Science II
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31100	Differential Equations
MTH 31500	Linear Algebra I
MTH 32000	Algebraic Structures
MTH 37000	Advanced Calculus
PHY 30100	General Physics I
PHY 30200	General Physics II

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript
DSCI 11000	Introduction to Data Science

Emphasis Area Courses (27 credit hours)

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis

The 15 credit hours of MTH coursework above are included as part of the 15 credit hours of electives for the BS in mathematics.

Math Elective Courses (15 credit hours)

MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis
MTH 35100	Numerical Methods
MTH 36100	Partial Differential Equations
MTH 38900	Undergraduate Research
MTH 39000- 39999	Special Topics in Applied Mathematics
MTH 49000- 49999	Special Topics in Mathematics

FINANCIAL MATHEMATICS MINOR

33 credit hours

Requirements

The minor in financial mathematics requires completion of the following courses:

ACCT 21010	Principles of Financial Accounting
ECON 23020	Principles of Microeconomics
ECON 23030	Principles of Macroeconomics
FIN 32000	Principles of Finance
MTH 24100	Statistics for Natural Science
MTH 32400	Theory of Financial Mathematics I
MTH 32500	Theory of Financial Mathematics II
MTH 32600	Models for Financial Economics

Math Elective Course

Students must also complete an additional three courses selected from among the following options:

ECON 33025	Money and Banking
ECON 33040	Intermediate Microeconomics
ECON 33045	Intermediate Macroeconomics
ECON 43078	Econometrics
FIN 32010	Corporate Finance I
FIN 32020	Investments I
FIN 32040	Risk and Insurance
FIN 42020	Investments II
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis

MATHEMATICS MINOR

24 credit hours

Requirements

The minor in mathematics requires completion of the following courses:

MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 28500	Introduction to Advanced Mathematics
MTH 30300	Calculus III
MTH 31500	Linear Algebra I

Math Elective Course

Students must also complete an additional three credit hours of mathematics courses selected from among the following options:

MTH 31100	Differential Equations
MTH 31300	History of Mathematics
MTH 31600	Linear Algebra II
MTH 32000	Algebraic Structures
MTH 33000	Geometry
MTH 34100	Probability and Mathematical Statistics I
MTH 34200	Probability and Mathematical Statistics II
MTH 34500	Regression Analysis
MTH 35100	Numerical Methods
MTH 36100	Partial Differential Equations
MTH 37000	Advanced Calculus
MTH 39000-39999	Special Topics in Applied Mathematics
MTH 49000-49999	Special Topics in Mathematics

Division of Physical Sciences

Jennifer Firestine, PhD, Division Director

Chemistry Program

The field of chemistry offers diverse opportunities for those students graduating with a major in chemistry. Degrees in chemistry prepare students for careers in industry, teaching, and graduate school programs and may be used as a pre-professional program for students wishing to apply for medical, dental, optometry, veterinary, or related programs.

Those graduates who culminate their education with a bachelor's degree will be prepared for opportunities in the chemical industry in either the laboratory, sales, or product development areas. Students looking to teach chemistry and other sciences in high schools will benefit from one of the various degree plans offering Missouri state certification in secondary education. Those students who wish to extend their education should choose to pursue one of the Bachelors of Science degrees, which are more appropriately suited for graduate work in chemistry and biochemistry. The Bachelor of Science with a emphasis in biochemistry is well-suited as a pre-health science degree, requiring a number of the chemistry, math, and biology courses required by such professional programs.

A minor in chemistry is an ideal complement for those students pursuing degrees in criminal justice, business administration, biology, or psychology. The minor also opens additional career opportunities for post-graduate careers in the fields of forensics, pharmaceutical sales, patent law, and healthcare administration.

Typical Coursework

Majors in chemistry are required to complete significant coursework in math, chemistry, and physics as well as biology for the biochemistry emphasis. Typically, the major requires that the student participate in at least one lab course per semester with many semesters in which multiple lab courses are required. Chemistry is an exciting field that focuses on critical thinking through both qualitative and quantitative problems that are applicable to real world scenarios, ranging from energy consumption and environmental issues to pharmaceuticals and criminal investigations. Majors should enjoy both math and science courses and should be prepared to work outside of the classroom on course assignments, lab work, and reports.

The Chemistry Program offers the following degrees:

- Bachelor of Arts in Chemistry
- Bachelor of Arts in Chemistry with emphasis in forensics
- Bachelor of Science in Chemistry
- Bachelor of Science in Chemistry with emphasis in biochemistry

In conjunction with the School of Education, the Department of Chemistry offers the following degrees for students wishing to pursue a career in secondary education:

- Bachelor of Arts in Chemistry with certification in secondary education
- Bachelor of Science in Chemistry with certification in secondary education

Minors in biochemistry and chemistry are also offered.

CHEMISTRY, BA

51-52 credit hours

Requirements

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 48500	Chemistry Seminar
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

One of the following:

CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I

Students must also select either of the following pairs of courses:

Pair One:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair Two:

PHY 30100	General Physics I
PHY 30200	General Physics II

Plus three credit hours of chemistry electives, selected from among the following options:

CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 31100	Applications in Forensic Science
CHM 38500	Medicinal Chemistry
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 44000	Inorganic Chemistry
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 48000	Chemistry Internship
CHM 48900	Independent Research

CHEMISTRY, BA FORENSICS EMPHASIS

76 credit hours

Requirements

AAD 18101	Digital Photography I
BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
BSC 24400	Introduction to Cellular and Molecular Biology
CCJ 11000	Criminal Justice Systems
CCJ 20000	Criminology
CCJ 30100	Criminal Law and Procedure
CCJ 33100	Criminal Investigation
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 31100	Applications in Forensic Science
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 45500	Instrumental Analysis
CHM 48000	Chemistry Internship
CHM 48500	Chemistry Seminar
MTH 17300	Survey of Calculus
MTH 24100	Statistics for Natural Science
PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

CHEMISTRY, BA 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

Students seeking (Grades 9-12) certification must (1) earn a bachelor of arts in chemistry and (2) complete the requirements for a minor in education (Grades 9-12). Note that students seeking (Grades 9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. See the requirements in the School of Education section of this catalog. (p. 118)

See the School of Education regarding EDU courses.

CHEMISTRY, BS (ACS ACCREDITED)

81 credit hours

Requirements

BSC 24400	Introduction to Cellular and Molecular Biology
CHM 23000	General Chemistry 1

CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 33300	Polymer Chemistry
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism
CHM 44000	Inorganic Chemistry
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I
CHM 47200	Physical Chemistry II
CHM 47300	Physical Chemistry Lab
CHM 48500	Chemistry Seminar
CHM 48900	Independent Research
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
PHY 30100	General Physics I
PHY 30200	General Physics II

Note: Students must complete a minimum of three credit hours of CHM 48900 Independent Research for this degree.

CHEMISTRY, BS BIOCHEMISTRY EMPHASIS

73 credit hours

Requirements

BSC 24400	Introduction to Cellular and Molecular Biology
BSC 40400	Cell Biology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 30000	Introduction to Chemical Literature and Laboratory Safety
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism
CHM 45500	Instrumental Analysis
CHM 47100	Physical Chemistry I

CHM 48500	Chemistry Seminar
MTH 24100	Statistics for Natural Science
MTH 27100	Calculus I
MTH 27200	Calculus II

One of the following:

BSC 35300	Microbiology
BSC 40800	Genetics

Students must also select either of the following pairs of courses:

Pair One:

PHY 25100	Introductory Physics I
PHY 25200	Introductory Physics II

Pair Two:

PHY 30100	General Physics I
PHY 30200	General Physics II

CHEMISTRY, BS 9-12 SECONDARY EDUCATION CERTIFICATION PREPARATION

Students seeking (Grades 9-12) certification must (1) earn a bachelor of science in chemistry and (2) complete the requirements for a minor in education (Grades 9-12). Note that students seeking (Grades 9-12) certification must have an academic advisor from both the content area and from the School of Education to ensure that all DESE requirements for certification have been met. These requirements may exceed the requirements for the degree in the content area. See the requirements in the School of Education section of this catalog. (p. 118)

BIOCHEMISTRY MINOR

27 credit hours

Requirements

The minor in biochemistry requires the following courses:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II
CHM 42100	Biochemistry: Structure and Mechanism
CHM 42200/BSC 42200	Biochemistry: Metabolism

CHEMISTRY MINOR

22 credit hours

Requirements

The minor in chemistry requires the following courses:

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CHM 35500	Analytical Chemistry
CHM 36100	Organic Chemistry I

Plus three credit hours of CHM courses 30000-level or higher.

Physics

Courses in physics are offered in the School of Sciences in support of majors in other academic programs. No physics major is offered at this time. However, a minor in engineering physics is offered, which requires the completion of 38 credit hours of coursework.

ENGINEERING PHYSICS MINOR

38 credit hours

Requirements

The minor in engineering physics requires completion of the following courses:

PHY 30100	General Physics I
PHY 30200	General Physics II
PHY 30300	Modern Physics
EGR 33500	Engineering Mechanics-Statics and Dynamics
EGR 36100	Circuit Theory I
EGR 36200	Circuit Theory II-AC Circuits
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III

Pre-Engineering

The Division of Mathematics and Physical Sciences also offers programs in pre-engineering, such that students can take the first two or three years of their program at Lindenwood and complete the remainder of their degree in their chosen engineering specialty at an affiliated university. Depending on the program, the student can either obtain a single degree in engineering or two degrees: one from Lindenwood in his or her major and an engineering degree from the affiliated university. Engineering programs typically require completion of a certain core of courses in mathematics, physics, computer science, chemistry and engineering. Since the specific core course requirement depends upon the engineering specialty and the engineering degree desired from the transfer university, each pre-engineering student should contact a Lindenwood Liaison Officer for Engineering as an advisor

so that the student will be on track for his or her program. Note that any student intending to finish at Lindenwood in the given number of years must be prepared to take Calculus I during the first semester.

PRE-ENGINEERING TRANSFER/ARTICULATION AGREEMENTS

Lindenwood University has Transfer/Articulation agreements in place with engineering programs at the following universities: University of Missouri-Columbia, University of Missouri-Rolla, University of Missouri-St. Louis, and Washington University. Students should meet with a Lindenwood Liaison Officer for Engineering to discuss the specific requirements for each transfer university.

Requirements

Students participating in the pre-engineering program at Lindenwood should complete the following core courses:

Courses

CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 23200	General Chemistry 3
CHM 24100	General Chemistry 2 Laboratory
CHM 24200	General Chemistry 3 Laboratory
CSC 14400	Computer Science I
CSC 24400	Computer Science II
EGR 25100	Computer Aided Design (CAD)
EGR 33500	Engineering Mechanics-Statics and Dynamics
EGR 36100	Circuit Theory I
EGR 36200	Circuit Theory II-AC Circuits
MTH 27100	Calculus I
MTH 27200	Calculus II
MTH 30300	Calculus III
MTH 31100	Differential Equations
PHY 30100	General Physics I
PHY 30200	General Physics II

One of the following:

CSC 10011	Introduction to Computer Science: Python
CSC 10022	Introduction to Computer Science: Javascript

Pre-Professional Studies in Health Sciences

Lindenwood University offers several pre-professional programs for students planning careers in engineering or one of many health professions: athletic training, chiropractic, dentistry, medicine, optometry, pharmacy,

physical or occupational therapy, physician's assistant, or veterinary medicine.

Pre-professional programs are not academic majors; rather, they are a curriculum of prerequisite coursework that will allow a student to become a qualified candidate for an appropriate professional school. It is important to note that students in any major can pursue admission to professional schools upon graduation. Acceptance to professional programs is very competitive; therefore, it is important for students to choose a major within their area of interest so they can maintain a competitive GPA. Students should strive to maintain a GPA at or above 3.50 to be competitive for acceptance into professional programs.

Additionally, many professional programs will require shadowing/service hours for application. Pre-professional students should seek out opportunities to shadow professionals in their career field, conduct research with Lindenwood faculty, and/or get involved in campus and community activities. All of these opportunities can be pursued as early as freshman year and will not only make for a more competitive application, but will give the student a greater perspective of their chosen field.

It is important for students connect with their advisor so they can help tailor a 4-year degree plan and discuss extracurricular opportunities to meet all the application requirements of the schools and programs to which the students aspires.

PRE-MEDICINE/PRE-DENTISTRY/PRE-OPTOMETRY/PRE-VETERINARY MEDICINE

The majority of the health professions schools expect the student to have successfully completed the following courses, preferably at a four-year college or university:

General Chemistry with lab: two semesters

General Biology with lab: two semesters

Physics: two semesters

Organic Chemistry: two semesters

English: two semesters

Students must also complete an entrance test (MCAT, GRE, DAT or OAT).

Many health professions schools require or strongly recommend other courses such as biochemistry, cell/molecular biology, genetics, microbiology, statistics, calculus, humanities, fine arts, and social science. Students who want to prepare themselves for admission to one of these professional programs should meet with a biology or chemistry advisor before planning their first semester schedule.

PRE-MEDICAL SCIENCES MINOR

35 credit hours

Requirements

BSC 24000	Introduction to Biological Diversity
BSC 24400	Introduction to Cellular and Molecular Biology
CHM 23000	General Chemistry 1
CHM 23100	General Chemistry 2
CHM 24100	General Chemistry 2 Laboratory
CHM 23200	General Chemistry 3
CHM 24200	General Chemistry 3 Laboratory
CHM 36100	Organic Chemistry I
CHM 36200	Organic Chemistry II

One of the following:

PHY 25100	Introductory Physics I
PHY 30100	General Physics I

One of the following:

PHY 25200	Introductory Physics II
PHY 30200	General Physics II

PRE-NURSING MINOR

31-32 credit hours

It is the responsibility of the student to check with the individual school or college of interest in which they intend to apply regarding additional prerequisites for admission. The completion of a Pre-Nursing minor does not guarantee a student admittance into a nursing program.

Requirements

BSC 22700	Human Anatomy and Physiology I
BSC 22800	Human Anatomy and Physiology II
PSY 10000	Principles of Psychology
PSY 20500	Human Development

One of the following:

BSC 10000	Concepts in Biology
BSC 24400	Introduction to Cellular and Molecular Biology

One of the following:

BSC 12100	Nutrition
EXS 24000	Nutrition Throughout the Lifecycle

One of the following:

BSC 23000	Microbiology for Health Sciences
BSC 35300	Microbiology

One of the following:

CHM 10000	Concepts in Chemistry
CHM 23000	General Chemistry 1

One of the following:

MTH 14100	Basic Statistics
MTH 24100	Statistics for Natural Science

PRE-OCCUPATION THERAPY**

As a Lindenwood University pre-occupational therapy student, you will typically major in exercise science or psychology. Occupational therapy schools may have a variety of prerequisite courses; however, typical prerequisite courses for occupational therapy schools are:

- BSC 10000 Concepts in Biology
- BSC 22700 Human Anatomy and Physiology I
- BSC 22800 Human Anatomy and Physiology II
- CHM 10000 Concepts in Chemistry
- HFS 18500 Medical Terminology
- MTH 14100 Basic Statistics
- PSY 10000 Principles of Psychology
- PSY 20500 Human Development
- PSY 30300 Abnormal Psychology

While these are generally the prerequisite courses for a majority of occupational therapy schools, if you have specific physical therapy schools in mind, it is recommended that you should work with your advisor to make sure that you complete any specific prerequisite courses that are required by that school.

Additionally, the exercise science department has occupational therapy articulation agreements with Rockhurst University and Washington University in St. Louis that can assist in your transition to occupational therapy school after the completion of your undergraduate degree.

Professional Resources

Accreditation Council for Occupational Therapy Education (ACOTE)

American Occupational Therapy Association

Missouri Occupational Therapy Association

Occupational Therapy Centralized Application Service (OTCAS)

Graduate Record Examination (GRE)

*Added after publishing - July addendum 07/01/2020***

PRE-PHYSICAL THERAPY**

As a Lindenwood University pre-physical therapy student, you will typically major in exercise science or biological sciences. Physical therapy schools may have a variety of prerequisite courses; however, typical prerequisite courses for physical therapy schools are:

- BSC 22700 Human Anatomy and Physiology I
- BSC 22800 Human Anatomy and Physiology II

- BSC 24000 Introduction to Biological Diversity
- BSC 24400 Introduction to Cellular and Molecular Biology
- CHM 23000 General Chemistry 1
- CHM 23100 General Chemistry 2 & 24100 General Chemistry 2 laboratory
- CHM 23200 General Chemistry 3 & 24200 General Chemistry 3 laboratory
- MTH 14100 Basic Statistics
- MTH 15200 Pre-calculus: Elementary Functions (prerequisite for PHY 25100)
- PHY 25100 Introduction to Physics I
- PHY 25200 Introduction to Physics II
- PSY 10000 Principles of Psychology
- PSY 30300 Abnormal Psychology

While these are generally the prerequisite courses for a majority of physical therapy schools, if you have specific physical therapy schools in mind, it is recommended that you should work with your advisor to make sure that you complete any specific prerequisite courses that are required by that school.

Additionally, the exercise science department has a physical therapy articulation agreement with Rockhurst University that can assist in your transition to physical therapy school after the completion of your undergraduate degree. For more information regarding pre-physical therapy, visit [here](#).

Professional Resources

Commission on Accreditation in Physical Therapy Education (CAPTE)

American Physical Therapy Association

Missouri Physical Therapy Association

Physical Therapy Centralized Application Service (PTCAS)

Graduate Record Examination (GRE)

*Added after publishing - July addendum 07/01/2020***

UNDERGRADUATE CAREER CERTIFICATES

A certificate represents a structured set of courses designed to provide students with specific skills suited to different potential careers. A certificate requires a minimum of 12 credit hours for completion and may include labs, internships, and/or clinicals. Only degree-seeking Lindenwood undergraduate students are eligible to earn an undergraduate career certificate.

School of Arts, Media, and Communication

Digital Marketing Certificate (p. 70)

Graphic Design Certificate (p. 60)

Professional Communications Certificate (p. 71)

Web Design Certificate (p. 60)

Virtual Communications Certificate (p. 71)

Plaster School of Business and Entrepreneurship

Marketing Certificate (p. 101)

School of Humanities

Geographic Information Systems Certificate (p. 158)

Intercultural Fluency Certificate (p. 166)

Executive Writing Certificate (p. 154)

Spanish Certificate (p. 156)

School of Sciences

Data Analysis Certificate (p. 189)

UNDERGRADUATE COURSE DESCRIPTIONS

AAD - Art and Design

AAD 10000 - Introduction to Art and Design (3)

An introduction to art as an academic pursuit including aesthetics, criticism, and expectations of a major in the visual arts. Students will engage in creative, critical, and design thinking and be introduced to possible career options in art and design.

Offered: Fall/Spring/Summer.

AAD 10040 - Fundamentals of Drawing and Design (3)

GE-Human Culture: Arts This course for non-arts majors focuses on the skills required for communicating through two-dimensional images. Drawing issues, such as space, linear perspective, value, texture and scale, are investigated, along with design issues, including unity, emphasis, balance, repetition, and shape. Demonstration of skills will be accomplished in and out of class through drawings and other studio projects. Lab fee may be required.

Offered: Fall/Spring.

AAD 10050 - Introduction to Web Design (3)

This is a lab-based course designed to familiarize students with advanced methods of information retrieval via the Internet; combined with hands-on design, development, and publication experience through the use of HTML and CSS. Lab fee may be required.

Offered: Fall/Spring.

AAD 10100 - Emerging Technologies (3)

This course will explore current and emerging technologies and provide students with the necessary software skills to apply them in their area of study.

AAD 10200 - Art and Design Seminar (0)

All Art and Design majors are required to enroll in this course every fall and spring semester throughout their program of study, excluding the semester of internship, or student teaching. Attendance at a minimum number of meetings/events is required. This course is Pass/Fail. May be repeated.

Offered: Fall/Spring/Summer.

AAD 10600 - Design I (3)

This course teaches the formal elements and principles of design, color theory, perception and problem solving as applied to a two-dimensional surface.

Offered: Fall/Spring/Summer.

AAD 11000 - Programming Logic (3)

This course introduces students to programming logic in a structured web centric environment. Topics include

language syntax, semantics, data types, program organization, pseudo code, flow-charting, algorithm design, and basic programming constructs. Lab fee may be required.

AAD 11600 - Drag and Drop Web Design (3)

This course is recommended for non-majors and majors alike and provides students with hands-on experience with contemporary online publishing techniques using applications such as WordPress or other content management systems. A registered domain name and web hosting plan capable of supporting PHP is mandatory. Lab fee required.

AAD 12000 - Digital Foundations (3)

An introduction to Adobe creative software, image capture, basic image editing, and file/asset management. Demonstration of raster and vector graphics, and their appropriate usage through lessons in Adobe Photoshop, Illustrator, and InDesign. Lab fee may be required.

Offered: Fall/Spring/Summer.

AAD 13000 - Drawing I (3)

This is an introductory course in drawing in varied media. Problems in rendering objects, perspective, space, light, and composition are presented. Lab fee may be required.

Offered: Fall/Spring/Summer.

AAD 13600 - Design II (3)

GE-Human Culture: Arts This course offers an exploration of three-dimensional space and design. Problems in the additive and subtractive processes will be presented including: open and closed space, mass, and volume. Basic fabrication skills will be covered. Sketchbooks required. Studio fee required.

Prerequisite: AAD 10600. Offered: Fall/Spring/Summer.

AAD 14000 - Visual Storytelling (3)

Exploration of visual storytelling techniques for the attainment of desired storytelling effects; includes character development, using shots, camera, lights, props and background elements, master plots, one and multi-panel cartoons, comics, storyboards, animatics and story-reels. Students will learn the principles of visual storytelling and how to apply them with a time-line based application or temporal design.

Prerequisite: AAD 12000. Offered: Fall/Spring/Summer.

AAD 14200 - Video Conferencing (3)

This introductory course will provide an overview of the best practices and techniques associated with the various applications and software available for video conferencing. Along with etiquette, lighting and other technical considerations, the course will cover screen capturing, screen recording, screen sharing, and more.

Offered: Fall/Spring/Summer.

*Added after publishing - July addendum 07/01/2020***

AAD 18101 - Digital Photography I (3)

GE-Human Culture: Arts This is an introduction to digital photography and Photoshop. Basic camera and composition skills are covered, along with an historical overview, software options and techniques. Students are encouraged to have a digital SLR camera. Studio fee applies.

Offered: Fall/Spring.

AAD 20000 - Painting I (3)

This is an introductory course in painting using varied media. Composition, rendering of forms, color theory and painting techniques will be studied.

Prerequisite: AAD 13000. Offered: Fall/Spring.

AAD 20300 - Adobe Certification in Photoshop (3)

This course covers the fundamentals of digital image manipulation, graphic creation and design concepts using Adobe's Photoshop. The primary focus of the course is to provide students with the opportunity to prepare for and test for industry level certification in Adobe Photoshop while learning current techniques associated with digital modification, organization, delivery and image creation. This class will culminate with the Adobe Certification practice Examination in Photoshop and the opportunity to take the Adobe Certification test. Passing of the course does not guarantee passing of the industry level certification test. Lab fee required.

Offered: Fall/Spring.

AAD 20400 - Adobe Certification in Illustrator (3)

This course covers the creation of computer-generated vector graphics with Adobe Illustrator. The primary focus of the course is to provide students with the opportunity to prepare for and test for industry level certification in Adobe Illustrator while learning current techniques associated with branding, logo design, and illustration for use in both print and screen. This class will culminate in taking the Adobe Certification practice examination in Illustrator and the opportunity to take the Adobe Certification test. Passing of the course does not guarantee passing of the industry level certification test. Lab fee required.

AAD 21000 - User Interface/User Experience (3)

This is an introductory course in the field of user interface and user experience design. Topics will include user-centered design, and the problem-solving techniques associated with designing with the user in mind. These themes will be addressed through project-based assignments that introduce students to concepts of user-empathy, analog and digital environments, and negotiating form and function. Lab fee required.

Offered: Fall/Spring/Summer.

AAD 21500 - Printmaking I (3)

This course will cover the study of the principles and processes of four types of printmaking. Subjects such as Monotypes, Relief, Intaglio, and Serigraphy (silkscreen) will be covered. Studio fee required.

Prerequisite: AAD 10600 and AAD 13000. Offered: Spring.

AAD 22100 - Sculpture I (3)

This course will explore through sculptural processes (both traditional and innovative) including: form, scale, texture, and surface design will be. Basic techniques of molding, joining, casting, and fabricating will be studied. Studio fee required.

Prerequisite: AAD 13600. Offered: Fall/Spring.

AAD 22600 - Digital Art I (3)

GE-Human Culture: Arts This course provides the fundamental technical skills that will allow students to develop the creative utilization of digital technology in a Fine Art context. Students use image editing, animation, and digital drawing to put into practice the principles of art. Lab fee may be required.

Offered: Fall/Spring.

AAD 23000 - Microsoft Office Specialist Certification (3)

This course covers the basics of Microsoft Word, Excel and PowerPoint. You will cover word processing, spreadsheets, and presentation concepts and techniques with an emphasis on effective communication and adherence to sound design principles applied through the usage of the Microsoft Office Suite. This class will culminate in taking the Associate Microsoft Office Specialist examinations for Microsoft Word, PowerPoint, and Excel. In the event that all three Associate certification exams are passed, participants will be awarded the Microsoft Office Specialist: Associate certification. Passing of the course does not guarantee passing of the industry level certification tests. Lab fee required.

Offered: Fall/Spring/Summer.

AAD 23400 - Fibers I (3)

This course will explore basic fiber techniques, both traditional and innovative including form, color, and surface design. Skills in designing and fabricating two and three-dimensional objects, dyeing, weaving, and basketry will be explored. Studio fee required.

Prerequisite: AAD 13600. Offered: Spring.

AAD 24000 - Art and Design Firm I (3)

This course provides students with real-world experience in the art and design fields working with entities both internal and external to the institution. Students will have

opportunities to work directly with clients and collaborate with other artists and designers. Lab fee may be required.

Prerequisite: Art and Design major; sophomore standing.
Offered: Fall/Spring/Summer.

AAD 24100 - Ceramics I (3)

GE-Human Culture: Arts This course is an introduction to the investigation of clay as a medium for creating functional and sculptural forms. Techniques are taught in hand-building, glazing and firing. The historical aspect of ceramics, materials and basic glaze chemistry are covered through lectures, demonstrations, exhibits, and visual aids. This course is designed for art and non-art majors. Studio fee required.

Offered: Fall/Spring/Summer.

AAD 25000 - Typography I (3)

Through lectures, demonstrations, and studio projects, this course explores all aspects of typography (the visualization of spoken language). Student exercises include type as image and the relationship between visual and verbal language, the expressive characteristics of letterforms, and type design classifications. This course also explores type terminology, typographic grids, hierarchy, typographic design, and history. Lab fee required.

Prerequisite: AAD 10600; AAD 12000 or AAD 20200.
Offered: Fall/Spring.

AAD 30000 - Portfolio and Career Foundations (3)

This course provides students with a structured environment to showcase both personal design style and technical skills as it pertains to the field of Art and Design. Students will refine self-selected pieces, and develop an interactive platform in which to display the best of their work. Interviewing, résumé building, and job hunting are closely tied to the distribution of a portfolio and thus are a pivotal part of the course content. Students will conclude the course with a professional résumé, digital portfolio, and set of skills that will assist them in securing both a valuable internship and future career. Lab fee may be required.

Prerequisite: Art and Design major or minor; sophomore standing.

AAD 30100 - Print Design and Production (3)

This course focuses on the design and production of printed material. Professional graphic design and pre-press production practices are emphasized. This computer studio course will include the study of typography, page design, and page anatomy. The use of links and paper selection will be discussed. Aspects of working with long documents will also be explored, including grid design, master pages, and character/ paragraph styles. At the conclusion of this class, the student will be able to conceptualize, design, and produce projects for a wide variety of pre-press demands. Additional topics may include preparing projects for screen-based and paper-based distribution and building

self-contained high and low resolution files. Lab fee required.

Prerequisite: AAD 25000. Offered: Fall/Spring/Summer.

AAD 30105 - Applied Art and Design (3)

Supervised on-campus work experience for Art and Design students which requires the application of principles, skills, and strategies within the discipline. May be repeated. Lab fee may be required.

Prerequisite: AAD 10000; Art and Design major. Offered: Fall/Spring/Summer.

AAD 30200 - Sculpture II (3)

This course is an advanced study of the sculpture discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the sculpture studio. Studio fee required.

Prerequisite: AAD 22100. Offered: Fall/Spring/Summer.

AAD 30500 - Painting II (3)

This course is the advanced study of the painting discipline, including its history, processes, and innovations. Lab fee may be required.

Prerequisite: AAD 20000. Offered: Fall/Spring/Summer.

AAD 30600 - Imaging and Illustration (3)

This course covers the production and manipulation of digital imagery. Projects will address visual problem-solving for commercial or fine art purposes. Topics such as scanning, masking, compositing, color correction, resolution requirements, and production practices will be covered. File formats, techniques, and tools used in the graphic design field are emphasized. Imagery will be created for printed and screen use. This class will utilize lecture, demonstration, discussion, and hands-on experiences. This course addresses the concepts and techniques necessary to create illustrations for print, web, and multimedia applications. Students learn a graphic and conceptual approach to illustration through demonstrations and projects, which build on the existing knowledge of design and drawing. Projects range from business and information graphics to editorial, advertising, and technical illustration. Creativity, content, communication, and technical proficiency are emphasized. Lab fee required.

Prerequisite: AAD 10600; AAD 12000. Offered: Fall/Spring/Summer.

AAD 31500 - Printmaking II (3)

This course is an advanced study of the printmaking discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the printmaking studio. Studio fee required.

Prerequisite: AAD 21500.

AAD 32000 - Art and Design Firm II (3)

This course provides students with real-world experience in the art and design fields working with entities both internal and external to the institution. Students will lead teams and have opportunities to work directly with clients and collaborate with other artists and designers. Lab fee may be required.

Prerequisite: AAD 24000. Offered: Fall/Spring/Summer.

AAD 32200 - Motion Graphics (3)

This course introduces time as a design element and surveys the potential applications for motion in visual communication. Students will be exposed to the basic principles of animation and motion graphics, and develop the technical skills to apply these principles using industry standard software. Projects will integrate graphic form, typography, and message with movement, time, sequence, and sound. Lab fee required.

Prerequisite: AAD 12000 or AAD 20200. Offered: Fall/Spring.

AAD 32500 - Desktop Publishing (3)

This course gives the student an understanding of the production cycle of printed materials. The student will develop a working knowledge of pre-press to press proof with a variety of printing demands. The student will learn how to use printing software and develop an understanding of professionally designed and produced materials. Lab fee may be required.

Prerequisite: AAD 12000 or AAD 20200. Offered: Fall/Spring.

AAD 32900 - Concept Design (3)

This course will allow students to use two-dimensional art skills, digital painting and three-dimensional computer sculpture to create concept designs for games and film. The course will focus on turning a basic description into a fully understood artistic concept; examples include character, costume design, mechanical design, architectural design, and environmental design.

Prerequisite: AAD 12000 or AAD 20200.

AAD 33000 - Drawing II (3)

This course is an advanced study of the drawing discipline in various media, including its history, processes, and innovations.

Prerequisite: AAD 13000. Offered: Fall/Spring.

AAD 33100 - Figure Drawing I (3)

This course is a study of drawing techniques and fundamentals of anatomical structure as related to the human form. Most work is completed from direct observation of the nude human figure. Studio fee required.

Prerequisite: AAD 13000. Offered: Fall/Spring.

AAD 33310 - 3D Printing (3)

This course presents the foundation of 3D modeling and manufacturing through hands-on experience. Students will utilize their existing 3D modeling skills to physically prototype objects, and will learn about the software and hardware necessary to print in 3D. Course discussions will focus on the potential impact of this technology on our society, and on future uses of the techniques that are taught. Lab fee required.

Prerequisite: AAD 13600 or AAD 33600.

AAD 33400 - Fibers II (3)

This course is an advanced study of the fibers discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the fibers studio. Studio fee required.

Prerequisite: AAD 23400.

AAD 33600 - 3D Graphics (3)

This hands-on course provides students with the skills needed to design 3D models, materials, lighting, and animation using a popular 3D software application. Rendering techniques, camera usage, and surface-mapping will be covered in an effort to have students capable of producing photo-realistic images. Lab fee may be required.

Prerequisite: AAD 12000 or AAD 20200. Offered: Fall/Spring/Summer.

AAD 33610 - Digital Art II (3)

This intermediate course provides more advanced technical skills that will allow students to develop the creative utilization of digital technology in a Fine Art context. Students use image editing, animation, and digital drawing to put into practice the principles of art.

Prerequisite: AAD 22600. Offered: Fall/Spring.

AAD 33700 - Digital Painting (3)

This class is designed to familiarize students with painting in a digital medium. The students will learn to utilize painting programs to simulate the natural tools of the artist, such as watercolor, oils, charcoal and others. Students will use the various tools available in these programs such as brushes, paper textures, media palettes and mixers to create art work that can only be generated in a digital medium. Lab fee may be required.

Prerequisite: AAD 12000 or AAD 20200.

AAD 34000 - Ceramics II (3)

This class explores the use of clay as a three-dimensional medium. Class projects are both functional and sculptural in nature, allowing the student to refine skills in wheel-throwing, hand-building, kiln firing, and more advanced glaze formulation. Studio fee required.

Prerequisite: AAD 24100. Offered: Fall/Spring.

AAD 34600 - Digital Art III (3)

This intermediate course provides more advanced technical skills that will allow students to develop the creative utilization of digital technology in a Fine Art context. Students use image editing, animation, and digital drawing to put into practice the principles of art.

Prerequisite: AAD 33610. Offered: Fall/Spring.

AAD 35000 - Portfolio Review (3)

Juried review of work completed in fundamentals coursework. Proficiency/ BFA eligibility will be pass/fail assessed. This course can be repeated up to a maximum of 12 credit hours.

Prerequisite: AAD 10000 or FBD 20000; AAD 12000; AAD 13000; AAD 10600; AAD 13600; AAD 14000 or FBD 37200; AAD 10050 or FBD 21000; AAD 18101 or FBD 37300; ARTH 22200; ARTH 22400; and 18 credit hours of AAD or FBD coursework. Offered: Fall/Spring/Summer.

AAD 35001 - Digital Photography II (3)

This course is an advanced study of digital photographic techniques and principles. Students are required to have a digital camera of minimum 6 mp and a flash drive. Lab fee required.

Prerequisite: AAD 18101.

AAD 35500 - Branding (3)

This course is a survey of branding and identity design as it relates to organizations, individuals, or other systems. It introduces the concepts associated with the visualization of corporate or organizational character, reputation, and strategy. Topics associated with the simplification and abstraction of symbols, icons, logos, and style guides are given focus.

Prerequisite: AAD 10000. Offered: Fall/Spring/Summer.

AAD 35600 - Typography II (3)

Students will build on the fundamentals of Typography I, and understand typographic nuance, experimental typography, and the development of custom typefaces in type development software. Lab fee may be required.

Prerequisite: AAD 25000. Offered: Fall/Spring/Summer.

AAD 35700 - Infographics (3)

This course provides an overview for visual representation of data. It is designed to cover the differences between infographics and visualization. Through both theory and applied practice the course covers specifics related to basic graphic design, online publishing, and corporate communication as it relates to large amounts of data and visually representing data in creative and meaningful ways.

Prerequisite: AAD 12000 or AAD 20400; MTH 14100. Offered: Fall/Spring/Summer.

*Added after publishing - July addendum 07/01/2020***

AAD 36000 - Advanced 3D (3)

This course furthers an exploration in 3D space and design. Students can expect to be presented with problems they can solve through both digital and traditional processes. Lab fee required.

Prerequisite: AAD 13600. Offered: Fall/Spring/Summer.

AAD 36001 - Digital Photography III (3)

This course is an advanced study of digital photographic techniques and principles. Students are required to have a digital camera of minimum 6 mp and a flash drive. Lab fee required.

Prerequisite: AAD 35001.

AAD 36100 - Web Design - User Experience I (3)

Continuing to build upon the skills and techniques covered in Intro to Web Design, this course focuses on the User Experience through the development of web environments and components. Continued use of HTML, CSS, Javascript, JQuery, Frameworks, and other technologies should be expected along with the introduction of other techniques and technologies currently trending in the industry. A registered domain name and web hosting plan capable of supporting FTP, PHP, and MySQL are mandatory. Lab fee required.

Prerequisite: AAD 10050, CSC 10022, or CSC 14400. Offered: Fall/Spring/Summer.

AAD 36200 - Web Design - User Experience II (3)

Continuing to build upon the skills and techniques covered in Web Design – User Experience I, this course focuses on the User Experience through the development of web environments and components. Continued use of HTML, CSS, Javascript, JQuery, Frameworks, and other technologies should be expected along with the introduction of other techniques and technologies currently trending in the industry. A registered domain name and web hosting plan capable of supporting FTP, PHP, and MySQL are mandatory. Lab fee required.

Prerequisite: AAD 36100. Offered: Fall/Spring/Summer.

AAD 36300 - Web Design - User Experience III (3)

This course focuses on the engaging of target audiences through the design of interactive and intuitive interfaces. Through hands-on activities and projects, students will apply current trends and techniques using popular software applications in an effort to create environments that are both inviting and stimulating. Lab fee required.

Prerequisite: AAD 36200. Offered: Fall/Spring/Summer.

AAD 38600-38699 - Special Topics in Art and Design (1-3)

May be repeated as topics vary. Prerequisites will vary by topic. Course fee may be required.

Prerequisite: AAD 10000.

AAD 40100 - Painting III (3)

This course is an advanced study of the painting discipline, including its history, processes, and innovations.

Prerequisite: AAD 30500.

AAD 40200 - Painting IV (3)

This course is the advanced study of the painting discipline, including its history, processes, and innovations.

Prerequisite: AAD 40100.

AAD 40400 - Ceramics III (3)

This course is an advanced study of the ceramics discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the ceramic studio. Studio fee required.

Prerequisite: AAD 34000. Offered: Fall/Spring/Summer.

AAD 41000 - Art and Design Capstone (3)

In this capstone experience course, students will research and complete a comprehensive project and present it in the format appropriate for the field.

Prerequisite: Senior standing.

AAD 41500 - Printmaking III (3)

This course is an advanced study of the printmaking discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the printmaking studio. Studio fee required.

Prerequisite: AAD 31500.

AAD 41510 - Printmaking IV (3)

This course is an advanced study of the printmaking discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the printmaking studio. Studio fee required.

Prerequisite: AAD 41500.

AAD 41800 - Graphic Design Portfolio (3)

This course prepares graphic design seniors to enter the workforce through advanced use of design applications to produce professional, portfolio-worthy artwork. Student portfolios will showcase a unique style and demonstrate overall conceptual abilities and technical competencies. Professional design practices will be stressed. Lab fee required.

Prerequisite: AAD 30100 and AAD 36100. Offered: Fall.

AAD 41900 - Graphic Design Studio (3)

This course is a continuation of AAD 41800. In conjunction with portfolio design, students will investigate the legal and business issues affecting graphic designers today, including topics such as freelancing, pricing, estimating, invoicing, and copyright. Case studies and role-

playing will be used to strengthen professional conduct and introduce best practices. Emphasis will be placed on the designer-client relationship. Lab fee required.

Prerequisite: AAD 41800. Offered: Spring.

AAD 42000 - Sculpture III (3)

This course is an advanced study of the sculpture discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the sculpture studio. Studio fee required.

Prerequisite: AAD 30200.

AAD 42100 - Sculpture IV (3)

This course is an advanced study of the sculpture discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the sculpture studio. Studio fee required.

Prerequisite: AAD 42000.

AAD 42400 - Applications for Mobile Devices (3)

This is an introductory hands-on course focused on the creation of web applications for deployment on multiple platforms such as personal computers, tablets, and smartphones. Topics will include connectivity, interface design, application architectures, and programming. Students will gain skills necessary to develop applications that utilize the unique hardware and communication capabilities of a variety of devices. This course is project based and will likely require extensive time commitment outside of class time. Lab fee may be required.

Prerequisite: CSC 10011, CSC 10022, or AAD 11000; and either CSC 24400 or AAD 36100.

AAD 43000 - Drawing III (3)

This course is an advanced study of the drawing discipline in various media, including its history, processes, and innovations.

Prerequisite: AAD 33000.

AAD 43100 - Drawing IV (3)

This course is an advanced study of the drawing discipline in various media, including its history, processes, and innovations.

Prerequisite: AAD 43000.

AAD 43200 - Figure Drawing II (3)

This course is an advanced study of drawing techniques and anatomical structure as related to the human form. Most work is completed from direct observation of the nude human figure. Studio fee required.

Prerequisite: AAD 33100.

AAD 43300 - Figure Drawing III (3)

This course is an advanced study of drawing techniques and anatomical structure as related to the human form.

Most work is completed from direct observation of the nude human figure. Studio fee required.

Prerequisite: AAD 43200.

AAD 43400 - Fibers III (3)

This course is an advanced study of the fibers discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the fibers studio. Studio fee required.

Prerequisite: AAD 33400.

AAD 43410 - Fibers IV (3)

This course is an advanced study of the fibers discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the fibers studio. Studio fee required.

Prerequisite: AAD 43400.

AAD 44000 - Art and Design Firm III (3)

This course provides students with real-world experience in the art and design fields working with entities both internal and external to the institution. Students will lead teams and have opportunities to work directly with clients and collaborate with other artists and designers. Lab fee may be required.

Prerequisite: AAD 32000. Offered: Fall/Spring/Summer.

AAD 44100 - Ceramics IV (3)

This course is an advanced study of the ceramics discipline, including its history, processes, and innovations. Students are expected to participate in the day to day operations of the ceramic studio. Studio fee required.

Prerequisite: AAD 40400.

AAD 44600 - Digital Art IV (3)

This advanced course provides more advanced technical skills that will allow students to develop the creative utilization of digital technology in a Fine Art context. Students use image editing, animation, and digital drawing to put into practice the principles of art.

Prerequisite: AAD 34600. Offered: Fall/Spring.

AAD 46001 - Digital Photography IV (3)

This course is an advanced study of digital photographic techniques and principles. Students are required to have a digital camera of minimum 6 mp and flash drive. Lab fee required.

Prerequisite: AAD 36001. Offered: Fall/Spring.

ACCT - Accounting

ACCT 21010 - Principles of Financial Accounting (3)

This course introduces students to the accounting information framework used by organizations to collect, maintain, and report financial information. Special

emphasis will be given to transaction analysis and the resulting effect on the financial statements. Lab fee may be required.

Prerequisite: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200 with a C or better. Offered: Fall/Spring.

ACCT 21011 - Principles of Managerial Accounting (3)

This course focuses on the development, analysis, interpretation, and communication of financial information designed to assist managers in achieving the goals of an organization. Topics include discussions about different cost accumulation systems, cost management systems, activity-based costing and management, and planning and control. Lab fee may be required.

Prerequisite: ACCT 21010 with a C or better; MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200 with a C or better. Offered: Fall/Spring.

ACCT 31012 - Accounting Cycle Analyses (3)

This course focuses on the technical aspects of the accounting cycle. All aspects of the accounting cycle will be addressed including transaction entry, financial statement presentation, and closing entries. The course is intended for accounting majors or anyone desiring a thorough understanding of the accounting cycle. Lab fee may be required.

Prerequisite: ACCT 21010; MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200 all with a C or better. Offered: Fall/Spring.

ACCT 31020 - Financial Accounting and Reporting I (3)

This course examines the development, application, and importance of accounting standards, principles, and conventions, including US GAAP and IFRS variances. Problems of balance sheet valuations and their impact upon income statements for receivables, inventory, and assets will be covered in detail. Lab fee may be required.

Prerequisite: ACCT 31012 with a C or better. Offered: Fall/Spring.

ACCT 31021 - Financial Accounting and Reporting II (3)

This course is a continuation of ACCT 31020 and will focus on financial instruments and liabilities. Effects of judgment and opinion on the "fairness" of statement presentation will be studied. Lab fee may be required.

Prerequisite: ACCT 31020 with a C or better. Offered: Fall/Spring.

ACCT 31040 - Accounting Information Systems (3)

This course explores the role information managers play in the development and use of event-driven information systems. Topics discussed will include the use of modeling

to determine value-added activities within an organization, the identification of risks and corresponding controls developed by an organization, and the design of an integrated relational database to support the information processes of the organization. Lab fee may be required.

Prerequisite: ACCT 31012, ENGL 17000, and MGMT 24000 all with a C or better. Offered: Fall/Spring.

ACCT 31041 - Excel for Accounting (3)

The student will use Microsoft Excel to examine various aspects of both financial and managerial accounting. This course is designed to enhance students' knowledge of Excel and the many ways it is used by accountants. Lab fee may be required.

Prerequisite: ACCT 31012 with a C or better.

ACCT 31200-31299 - Directed Studies in Accounting (3)

An independent structured learning experience will be developed to ensure student's knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

ACCT 39000-39999 - Special Topics in Accounting (3)

ACCT 41022 - Financial Accounting and Reporting III (3)

This course focuses on specialized issues in advanced financial accounting. Topics to be covered include consolidations, mergers, and partnership liquidations. Lab fee may be required.

Prerequisite: ACCT 31021 and ENGL 17000 with a C or better.

ACCT 41030 - Introduction to Cost Accounting (3)

This course explores the concepts of cost determination, reporting, and control applied to manufacturing operations with an emphasis placed on job order and process cost accounting systems. Lab fee may be required.

Prerequisite: ACCT 21011 with a C or better. Offered: Fall/Spring.

ACCT 41031 - Managerial Accounting (3)

This course investigates the development and use of accounting information for decision making purposes. The course will emphasize the development of financial information for management's use in the decision making process. Topics will include internal reporting techniques, cost-volume-profit analysis, relevant cost, capital budgeting, and management planning and control.

Prerequisite: ACCT 21011 and ENGL 17000 with a C or better.

ACCT 41050 - Income Tax (3)

This course introduces students to the conceptual framework of federal and state income tax as applicable to businesses and individuals with an emphasis on determining and controlling the tax consequences of business and personal decisions. Compliance will be addressed but the emphasis will be on planning and concepts. Lab fee may be required.

Prerequisite: ACCT 21011 and FIN 32000 with a C or better. Offered: Fall/Spring.

ACCT 41055 - Income Tax-Corporate (3)

Analysis of the Federal Tax Code as it relates to corporations, partnerships, estates, and trusts will be discussed. Lab fee may be required.

Prerequisite: ACCT 41050 and ENGL 17000 with a C or better. Offered: Spring.

ACCT 41060 - Governmental and Nonprofit Accounting (3)

This course introduces students to the concept of accounting and financial reporting for federal, state, and local government and for nonprofit organizations. Lab fee may be required.

Prerequisite: ACCT 31020 and ENGL 17000 with a C or better.

ACCT 41065 - Introduction to International Accounting (3)

In this course, the student examines aspects of accounting operations within a multinational corporate environment. Key topics of analysis include foreign exchange exposure; translation of foreign-denominated financial statements; consolidated financial statements; transfer pricing; Foreign Corrupt Practices Act; and related tax and regulatory issues. Comparison of U.S. and foreign practices in areas such as financial standards and reporting, auditing, and performance measurements is examined. Lab fee may be required.

Prerequisite: ACCT 31021 and ENGL 17000 with a C or better.

ACCT 41070 - Financial Statement Analysis (3)

This course explores profitability and risk analysis based on economic characteristics of a firm's business, the strategy a firm uses to compete in its industry, and an understanding of financial statements. Case studies are utilized to apply the tool of financial statement analysis to real companies in a variety of industries. Lab fee may be required.

Prerequisite: ACCT 31020 or FIN 32000 with a C or better.

ACCT 41080 - Auditing (3)

This course is designed to help students understand the nature of auditing with an emphasis on techniques and issues as applied by Certified Public Accountants.

Professional standards, Generally Accepted Auditing Standards, legal liabilities of auditors, and specific auditing techniques will be explored. Lab fee may be required.

Prerequisite: ACCT 31021 and ACCT 31040 with a C or better. Offered: Fall/Spring.

ACCT 41095 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: Six credit hours of 30000-40000-level ACCT courses; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

ACCT 41096 - Internship II (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, department chair for accounting, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

ACCT 41200-41299 - Directed Studies in Accounting (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

ACCT 49000-49999 - Special Topics in Accounting (3)

AEM - Arts and Entertainment Management

AEM 10000 - Introduction to Arts and Entertainment Management (2)

Introduction to the production of dance, music, theatre, and visual arts and the organizational structures, practices, and standard issues associated with arts and entertainment management.

Offered: Fall.

AEM 10001 - Practicum (1)

Supervised practical arts and entertainment production experience. May be repeated for credit.

Offered: Fall/Spring.

AEM 20000 - Production Management I (3)

This course is a practical study of managing all aspects of producing fine and performing arts events, including pre-production planning and processes (e.g., facilities, contracts, fundraising, insurance, licensing, market research); collaboration with artists (and when applicable their representatives); marketing/promotion; production personnel; materials and processes; audience/guest services; sales and accounting; and post-production processes (e.g., payments, assessments, sales, recordings).

Prerequisite: AEM 10000. Offered: Fall.

AEM 20001 - Practicum (1)

Supervised practical arts and entertainment production experience that requires more participation and responsibility than AEM 10001. May be repeated for credit.

Prerequisite: AEM 10001. Offered: Fall/Spring.

AEM 20500 - Box Office and House Management (3)

A study of the fundamental principles of arts marketing, public relations, promotions, media, journalism, audience retention and development, subscription sales, telemarketing and community relations; web-based communications and systems related to marketing, outreach, and sales; and front-of-house processes and services.

Prerequisite: AEM 10000. Offered: Fall.

AEM 30000 - Production Management II (3)

This course is an extension of AEM 20000. Requires increased production participation and responsibility.

Prerequisite: AEM 20000 with a C or better. Offered: Fall.

AEM 30001 - Practicum (1)

Supervised practical arts and entertainment production experience that requires more participation and responsibility than AEM 20001. May be repeated for credit.

Prerequisite: AEM 20001. Offered: Fall/Spring.

AEM 40000 - Production Management III (3)

This course is an extension of AEM 30000. Requires increased production participation and responsibility as well as a comprehensive project.

Prerequisite: AEM 30000 with a C or better. Offered: Fall.

AEM 40001 - Practicum (1)

Supervised practical arts and entertainment production experience that requires more participation and responsibility than AEM 30001. May be repeated for credit.

Prerequisite: AEM 30001. Offered: Fall/Spring.

AEM 45000 - Internship (3-6)

Supervised work experience for the advance student which requires the application of principles, skills, and strategies

within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours.

Prerequisite: ENGL 17000 with a C or better; junior standing; permission of dean.

AES - Aerospace Science

AES 10100 - The Foundations of the United States Air Force (2)

A survey course designed to introduce students to the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include mission and organization of the Air Force, professionalism, military courtesies, Air Force officer opportunities, group leadership problems, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets, and it complements this course by providing students with followership experiences. Classroom activity, two hours per week; Leadership Laboratory two hours per week.

AES 10200 - Heritage and Values of the Air Force II (2)

A continuation of AES 10100, this course extends students' understanding of the United States Air Force and Air Force Reserve Officer Training Corps. Featured topics include mission and organization of the Air Force, officership, military customs, Air Force officer opportunities, group leadership problems, and an introduction to communication skills. Leadership Laboratory is mandatory for AFROTC cadets, and it complements this course by providing students with followership experiences. Classroom activity, two hours per week; Leadership Laboratory two hours per week.

AES 11000 - Leadership Laboratory I (0)

This course is taken in conjunction with AES 11200. It is a laboratory that addresses topics associated with the United States Air Force such as physical fitness and health.

AES 11200 - Leadership Laboratory II (0)

This course is taken in conjunction with AES 11000. It is a laboratory that addresses topics associated with the United States Air Force such as drill and ceremonies for officers.

AES 20100 - The Evolution of USAF Air and Space Power (2)

A survey course concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the

peaceful employment of U.S. air power in civic actions, and scientific missions. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing cadets with their first opportunity for applied leadership experiences and prepares them for Field Training.

AES 20200 - Air Force Team and Leadership Fundamentals II (2)

A survey course concerned with the beginnings of manned flight and the development of aerospace power in the United States, including the employment of air power in WWI, WWII, Korea, Vietnam, the Gulf War and the peaceful employment of U.S. air power in civic actions, and support of space exploration. Leadership Laboratory is mandatory for Air Force ROTC cadets and it complements this course by providing cadets with their first opportunity for applied leadership experiences and prepares them for Field Training.

AES 30100 - Air Force Leadership and Management I (3)

This course is a study in the anatomy of leadership, the need for quality and management leadership, and the role of discipline in leadership situations. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Cadets deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving cadets opportunities to apply leadership and management principles of this course.

AES 30200 - Air Force Leadership and Effective Communication II (3)

This course is a study in the anatomy of leadership, the need for quality and management leadership, and the variables affecting leadership. Case studies are used to examine Air Force leadership and management situations as a means of demonstrating and exercising practical application of the concepts. Cadets deal with actual problems and complete projects associated with planning and managing the Leadership Laboratory. A mandatory Leadership Laboratory complements this course by providing advanced leadership experiences in officer-type activities, giving cadets opportunities to apply leadership and management principles of this course.

AES 40100 - National Security Affairs and Preparation for Active Duty I (3)

Cadets learn about the role of the professional military leader in a democratic society; societal attitudes toward the armed forces; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, cadets will study topics that will prepare them for their first active-duty assignment as officers in the Air Force. A mandatory Leadership Laboratory complements this course. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities.

AES 40200 - Air Force Preparation for Active Duty II (3)

Cadets learn about the role of the professional military leader in a democratic society; the requisites for maintaining adequate national defense structure; the impact of technological and international developments on strategic preparedness and the overall policy-making process; and military law. In addition, cadets will study topics that will prepare them for their first active-duty assignment as officers in the Air Force. A mandatory Leadership Laboratory complements this course. Leadership Laboratory provides advanced leadership experiences and gives cadets opportunities to develop and apply fundamental leadership and management skills while planning and conducting corps activities.

AMC - Arts, Media and Communications**AMC 18600-18699 - Special Topics (1-3)**

Special topics in arts, media, and communications. May be repeated as topics vary. Course fee may be required.

AMC 28600-28699 - Special Topics (1-3)

Special topics in arts, media, and communications. May be repeated as topics vary. Course fee may be required.

AMC 38600-38699 - Special Topics (1-3)

Special topics in arts, media, and communications. May be repeated as topics vary. Course fee may be required.

AMC 43000 - Arts Entrepreneurship (3)

This course helps students capitalize on their creative and artistic skills in a competitive marketplace. Students apply principles of business to careers in arts and entertainment. Concepts include developing business plans, fundraising,

budgeting, project management, personal branding, accounting, and monetizing content.

Prerequisite: ENGL 17000.

AMC 44444 - Internship (1-6)

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. This course may be repeated up to a maximum of 12 credit hours and is graded on a Pass/Fail basis.

Prerequisite: Junior standing; 2.5 cumulative GPA; 3.0 in program of study. Offered: Fall/Spring/Summer.

AMC 48600-48699 - Special Topics (1-3)

Special topics in arts, media, and communications. May be repeated as topics vary. Course fee may be required.

ANT - Anthropology**ANT 10000 - Introduction to Anthropology (3)**

GE-Social Science/Human Diversity This course will introduce students to all four major subfields of Anthropology: Cultural, Biological, Archaeology, and Linguistics. Students will learn the basic goals, methods, and theories of each of these subfields, and briefly explore career options in each. This course is designed for non-majors or those interested in the possibility of majoring.

Offered: Fall/Spring.

ANT 11200 - Cultural Anthropology (3)

GE-Human Culture: Foreign Culture/Human Diversity Students are introduced to the various fields within anthropology with a focus on the study of different forms of societies. The course includes such topics as culture, language, and the impact of globalization on societies.

Offered: Fall/Spring.

ANT 13100 - Biological Anthropology with Lab (4)

GE-Natural Science with Lab This course provides an introduction to the anthropological subfield of Biological Anthropology through both lectures and lab exercises. Students will learn about the biological evolution of humans and current human variation through fossil and genetic studies of primate and human populations. Forensic Anthropology will be introduced in terms of its implications for modern day social and political issues. An introduction to the archaeology of early human cultures of the world is included. Lab fee required.

Offered: Fall.

ANT 19000-19999 - Special Topics in Anthropology (1-6)**ANT 20100 - Careers in Anthropology (1)**

Required of all Anthropology majors, this course is taken in the student's sophomore year. Students will be offered the opportunity to explore and learn about the many sub-disciplines of anthropology and focus on the requirements of possible career paths.

Offered: Fall.

ANT 21000 - Native North American Indians (3)

GE-Human Culture: Human Diversity This course offers a broad survey of the archaeology, traditional cultures, and the current conditions and perceptions of the Native American Indian populations of North America.

Prerequisite: ANT 10000 or ANT 11200. Offered: Spring.

ANT 22500 - Introduction to Archaeology (4)

In this course, students will be introduced to the anthropological sub-field of Archaeology. The course includes components on the history and development of archaeology, theoretical underpinnings of archaeology, current and applied archaeology, cultural resource management, public education, job prospects, and a practical, hands-on, field experience in survey and excavation. Students will attend lectures during the first months of the semester and then participate in an actual field survey and limited excavation project on certain weekends in the last month (requires significant physical activity in the outdoors). Lab fee required.

Prerequisite: ANT 10000 or ANT 11200. Offered: Spring.

ANT 29000-29999 - Special Topics in Anthropology (1-6)**ANT 30800 - Archaeological Field School (6)**

This course offers the opportunity to gain intensive training in archaeological field methods including excavation, site survey, mapping, map reading, artifact collection, and interpretation. The course will meet Monday through Friday, all day, and potentially require living away from campus for 4 or 6 weeks, depending upon the archaeological project being undertaken. This course is often a requirement for graduate programs specializing in archaeology and/or for jobs in the cultural resource management field. Requires significant long-term physical activity in the outdoors. Lab and additional fees are required.

Prerequisite: ANT 11200; ANT 22500; permission of the dean.

ANT 30900 - Archaeological Laboratory Methods (3-9)

This class will provide students with supervised training in the basic archaeological laboratory methods associated with identification, data-entry, classification,

interpretation, and curation. This course provides hands-on experience with both prehistoric and historical artifacts. The course is repeatable for a total of 24 credits.

Prerequisite: ANT 22500 or ANT 30800; permission of the dean.

ANT 31000 - Forensic Anthropology: An Introduction (3)

This course introduces students to the complex and diverse field of Forensic Anthropology. Most forensic studies and disciplines originated from the field of Anthropology. Students will gain an understanding of the multidisciplinary aspects of the field including human remains identification and analysis, medicolegal context, and crime scene investigation. This will be accomplished within the context of scientific principles of physical anthropology and biology. This course can serve as a part of the foundation for career in forensic science. Lab fee required.

Prerequisite: ANT 13100, BSC 22700, CCJ 20000, or PSY 30300. Offered: Fall. Cross-Listed as: CCJ 31000.

ANT 31700 - Social and Cultural Change (3)
GE-Human Culture: Foreign Culture/Human Diversity

An anthropological perspective of the prehistoric, historical, and contemporary global cultural changes in societies throughout the world.

Prerequisite: ANT 10000, ANT 11200, PSY 10000, or SOC 10200; ENGL 17000. Offered: Fall.

ANT 31800 - Race, Ethnicity, and Gender: A Global Perspective (3)

GE-Social Science/Human Diversity This course focuses on patterns of race, ethnic, and gender relations throughout the world. Selected issues in contemporary race, ethnic, and gender relations in American society are examined.

Prerequisite: ANT 10000, ANT 11200 or SOC 10200; ENGL 17000; junior standing. Offered: Fall/Spring. Cross-Listed as: SOC 31800.

ANT 32400 - Magic, Witchcraft, and Religion (3)
GE-Human Culture: Foreign Culture/Human Diversity

This course is an introduction to the anthropological studies of religions throughout the world. The course begins with an introduction to how anthropologists define and study religion. The course presents the ethnographic research by cultural anthropologists on indigenous religions including shamanism, and witchcraft, along with the current trends within the Great World religions including Judaism, Catholicism, Protestantism, Islam, Hinduism, Buddhism, and the New Age traditions.

Prerequisite: ANT 10000, ANT 11200, PHRL 11600, or SOC 10200. Offered: Spring.

ANT 32700 - Environmental Anthropology (3)

GE-Social Science/Human Diversity Environmental Anthropology is the study of the interaction between humans and the environment in which they live. In this course, both culture and biology are used in comparative, cross cultural study of human adaptation to the varied environments around the world.

Prerequisite: ANT 10000, ANT 11200, or SOC 10200.
Offered: Spring.

ANT 33700 - Anthropology of Migration (3)

GE-Social Science/Human Diversity This course is a holistic, cross-cultural, anthropological examination of human migration worldwide. Topics include the economic, political, and social forces that encourage migration, the challenges associated with this movement, personal and social identity of migrants at home and abroad, and the broader outcomes of migration.

Prerequisite: ANT 10000, ANT 11200, CCJ 20000, GEO 10300, PSY 10000, or SOC 10200. Offered: Fall.

ANT 35000 - Introduction to Cultural Resource Management (3)

The field of Cultural Resource Management (CRM) employs the majority of archaeologists in the United States. Job prospects in this field are significantly higher than other areas of employment in anthropology. The CRM field also employs historians, architectural historians, folklorists, ethnographers, soil specialists, GIS technicians, writers, and graphic artists, among others. This course introduces students from many disciplines to this field. It will cover the advent of CRM, legal aspects of compliance work, interaction and ethical considerations with clients, basic archaeological survey and field techniques, project budgets, project management, project review, and CRM job prospects. While the focus of this course is archaeological, students from other disciplines will find many applications.

Prerequisite: ANT 22500.

ANT 39000-39999 - Special Topics in Anthropology (1-6)**ANT 40500 - Historical Archaeology (3)**

This course introduces students to the sub-discipline of Historical Archaeology. This course explores recent theoretical, methodological, and thematic developments in historical archaeology in North America. Topics concern the time period of approximately 1500 through 1900 and the material culture of Euro-Americans in North America. Students will examine how historical archaeologists use artifacts, historical documents, and other historical evidence in interpreting the recent past, and how historical archaeology uses material culture and historical documentation to study recent populations and issues such as class, gender, and ethnic identities.

Prerequisite: ANT 22500 or HIST 20100 and ENGL 17000 with a C or better.

ANT 42000 - Sociocultural Theory (3)

This course is an introduction to the history and current developments in anthropological and sociological theory. The emphasis is on European and American theorists who had a strong impact on contemporary anthropology and sociology.

Prerequisite: Junior standing; ANT 11200 or SOC 10200; ENGL 17000 with a C or better. Offered: Spring. Cross-Listed as: SOC 42000.

ANT 45000 - Internship in Anthropology (1-9)

Students will do an internship with an anthropological focus.

Prerequisite: ANT 11200 and junior standing.

ANT 49000-49999 - Special Topics in Anthropology (1-6)**ARTH- Art History****ARTH 10100 - Art History Practicum (0)**

All art history majors are required to enroll in Art History Practicum every fall and spring semester throughout their program of study. Students will actively participate in departmental activities through various assignments and meetings. This course is Pass/Fail. May be repeated.

Offered: Fall/Spring.

ARTH 11000 - Concepts in the Visual Arts (3)

GE-Human Culture: Arts This course for non-arts majors presents an introduction to artistic media, historical periods and movements, as well as, the roles of the artist and the viewer in its interpretation. Problems in observing artworks through an informed perspective, while appreciating the cultural value of such objects within societal norms, will be presented with the goal of engendering an interest, appreciation, and understanding of the fundamental elements of style and aesthetic development in the visual arts.

Offered: Fall/Spring.

ARTH 22200 - History of Western Art to 1300 (3)

GE-Human Culture: Arts/Human Diversity This course is a historical survey of Western art and architecture from Prehistoric times to the end of the Middle Ages in 1300 with an emphasis on the relationship between art, society, culture, religion, and politics. Major works of art and architecture will be discussed from the Ancient Near East, Egypt, Greece-Rome, and finally the Middle Ages. This course is open to all students and required for all majors within the department of Art and Design.

Offered: Fall/Spring.

ARTH 22400 - History of Western Art from 1300 (3)

GE-Human Culture: Arts/Human Diversity This course is a historical survey of Western art and architecture from the Renaissance to the present with an emphasis on the relationship between art, society, culture, religion, and politics. Major works of art and architecture will be discussed as a survey of major artistic movements from the fourteenth to the late twentieth century across Europe and America. This course is open to all students and is required for all majors within the department of Art and Design.

Offered: Fall/Spring.

ARTH 22600 - History of Non-Western Art (3)

GE-Human Culture: Arts/Human Diversity This course examines the art and architecture of Asia, Oceania, Africa, the Middle East, and Native North and South America. This course offers an introductory survey of major non-Eurocentric cultures and movements and invites students to understand and interpret these in historical and visual contexts. Focusing on the issues of patronage, function and socio-political and religious significance of these non-Western works, an in-depth understanding of their place in the historical continuum shall be brought to bear.

ARTH 35400 - Nineteenth-Century Art (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of art in Europe from the later eighteenth century to the early twentieth, focusing on the major works and movements, such as Neoclassicism, Romanticism, Realism, Impressionism, and Post-Impressionism. Emphasis shall be paid to the relationship between art, politics, religion and culture in order to examine, in depth, the emergence of modernism.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 35600 - Baroque Art (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of the developments in Europe from 1600 to 1750 in Italy, France, Spain, Flanders and Holland. Major works and monuments shall be discussed, such as the completion of New St. Peters and the palace of Versailles; as well as major artists, such as Caravaggio, Bernini, Rubens, Rembrandt and Velázquez, focusing on the relationship between art, society, culture, religion and politics.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 35700 - Ancient Art (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of the developments in art and architecture from the dawn of civilization to the early Middle Ages. Major monuments and works shall be covered in the Ancient Near East, Egypt, the Aegean, Greece, and Rome, including the great Ziggurats of Mesopotamia, the Pyramids at Giza, the Parthenon,

Pantheon and Colosseum. Emphasis shall be placed on the interrelationship of art, culture, religion and politics.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 35800 - Medieval Art (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of European art from the fall of the Roman Empire in the fifth century through the end of the Middle Ages in 1400. Beginning with Early Christian and Byzantine art, the major periods, works and monuments shall be discussed including those in the Early Medieval era-Hiberno-Saxon, Carolingian and Ottonian-as well as the later Middle Ages and Romanesque and Gothic art, focusing on the relationship between art, society, culture, religion and politics.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 36100 - Twentieth-Century Art/Modern (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of the developments in Europe and America from the late nineteenth century through the Second World War. Major movements shall be discussed, including Fauvism, Expressionism, Cubism, Dada, and Surrealism, ending with Abstract Expressionism, emphasizing the relationships between art, culture, politics and religion.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 36200 - Twentieth-Century Art/Contemporary (3)

This course is a study of the developments in Europe and America from the Second World War to the Post-modern era. The development of contemporary art and the contributions made since Abstract Expressionism in the visual arts and architecture are examined, emphasizing the relationships between art, culture, politics and religion.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 36300 - Early Modern Gender Studies (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of the issues relating to gender in the Renaissance and Baroque eras, including social constructions of gender roles both masculinities and femininities.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 36401-36499 - Topics in Non-Western Art (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of select non-Eurocentric cultures and their art and architecture in their original contexts. Particular emphasis will be given to social, cultural, aesthetic, and political contexts in which artistic practices developed embodied in art forms from Asia, Oceania, Africa, the Middle East, Latin America, and others.

Prerequisite: ARTH 22200 and ARTH 22400; or ARTH 22600.

ARTH 36500 - History of Photography (3)

This course will examine the role and history of photography from its beginnings in the 1830s to the present. Focusing on the key figures, periods, and concepts in the development of this medium, the course will follow the evolution of photography alongside the other visual arts, culminating in its primacy at the end of the twentieth century. Photography as an artistic vehicle and technological tool has advanced many areas of investigation in the sciences and arts. Thus the debate over the evolving technological and technical processes, and the “nature” of the medium, will be discussed as well as the influence it has had on the broader evolution of the history of art.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 36900 - History of Graphic Design (3)

This course is the study of the history of graphic design from its appearance in prehistory to the present with an emphasis on the influence of technology, culture, major artistic movements, and socio-political factors on the evolution of graphic design. The work and philosophies of historically significant design movements, designers, and design firms will be studied in depth through readings, lectures, as well as technical application.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 37000 - History of Games and Critical Theory (3)

This course will explore the history of video games from their influences and precursors to contemporary gaming on various platforms. Major game genres and technological developments shall be discussed within their appropriate socio-historical contexts, as well as the application of critical theory to the discipline.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38000 - History of Digital Art (3)

This course will explore the history of new media and digital art from their influences and precursors in photography to digital technologies impact on art. Major genres and technological developments shall be discussed within their appropriate socio-historical contexts, as well as the application of critical theory to the discipline.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38300 - Renaissance Art (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is a study of painting, sculpture, and architecture of the Renaissance from 1300 to 1600. Beginning with late Medieval art, the major periods, works and monuments shall be discussed including those of the Early Renaissance, High Renaissance and Late

Renaissance, focusing on the relationship between art, society, culture, religion, and politics.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38400 - Classical Myth (3)

GE-Human Culture: Foreign Culture/Human Diversity This course will investigate the Classical myths of ancient Greece and Rome in their cultural context. An overview of the principle myths shall be treated in order to discuss the relationship between myth and literature, and then the rather different relationship between myth and art, so as to understand better the nature of the sources for the myths and their use in Greco-Roman religion and epistemology.

Prerequisite: ENGL 17000. Offered: Summer.

ARTH 38600-38699 - Special Topics (1-3)

Special topics in art history. May be repeated as topics vary. Course fee may be required.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38700-38799 - Special Topics (1-3)

GE-Human Culture: Foreign Culture/Human Diversity Special topics in art history. May be repeated as topics vary. Course fee may be required.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38800-38899 - Special Topics (1-3)

GE-Human Culture: Arts/Human Diversity Special topics in art history. May be repeated as topics vary. Course fee may be required.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38900 - Art Theory and Criticism (3)

GE-Human Culture: For Culture/Human Diversity This course is a study of the major theoretical and critical lines of thought that have shaped understanding of the arts, their role in society, and their reception, use, and appreciation from antiquity to the present.

Prerequisite: ARTH 22200 and ARTH 22400.

ARTH 38901-38999 - Study Abroad (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38901 - Study Abroad: Late Medieval Italian Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38902 - Study Abroad: Early Renaissance Italian Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38903 - Study Abroad: High Renaissance and Mannerist Italian Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38904 - Study Abroad: Renaissance Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38905 - Study Abroad: Early Baroque Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38906 - Study Abroad: High Baroque and Rococo Italian Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38907 - Study Abroad: Women and the Arts in Italy (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art

and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38908 - Study Abroad: Modern European and Italian Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38909 - Study Abroad: Contemporary Art: Biennale and Beyond (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38910 - Study Abroad: Contemporary European and Italian Art (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38911 - Study Abroad: Contemporary Art Theory and Criticism (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38912 - Study Abroad: Museology (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38913 - Study Abroad: Museology Internship (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38914 - Study Abroad: Conservation Law, Business and Management (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 38915 - Study Abroad: Diagnostic Techniques for Conservators (3)

The Study Abroad courses are offered at Studio Art Centers International Florence. See the director of the Art and Art History study abroad program for specific information.

Prerequisite: ARTH 22200 and ARTH 22400; minimum GPA of 2.5; and/or permission of the dean. Offered: Fall/Spring.

ARTH 41000 - Research Methods of Art History (3)

This capstone course seeks to introduce art history students to the methods of research and criticism applied to typical art-historical problems through familiarizing the student with bibliography, research tools and the approaches of different methodologies. Students will demonstrate proficiency in the canon of art via written examination, produce a methodological research paper and present their original research in an oral presentation. This course is required for all Art History majors.

Prerequisite: Senior standing.

ARTH 42000 - Directed Research (3)

This independent research class allows students to develop a focused topic working closely with a faculty member to conduct research. Advanced research methods will be utilized to develop a thorough bibliography of primary, secondary and theoretical sources on the student's topic, often developing their capstone paper further. This is an undergraduate research course.

Prerequisite: Senior standing; permission of dean.

ARTH 46500 - Art History Internship (3-6)

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor

representing host organization. May be repeated for a maximum of six credit hours.

Prerequisite: ENGL 17000 with C or better; junior standing; permission of dean.

ASC - Advertising and Strategic Communications**ASC 10800 - Advertising and Strategic Communications Seminar (0)**

All Advertising and Strategic Communications majors are required to enroll in this course every fall and spring semester throughout their program of study, excluding the semester of internship. Attendance at a minimum number of meetings/events is required. This course is Pass/Fail. May be repeated.

Offered: Fall/Spring.

ASC 22800 - Fundamentals of Public Relations (3)

A focused investigation of how rapidly evolving advances in communication technology are impacting the profession of public relations in a global environment. The fundamental strategic mission of public relations as an executive function aimed at long-term relationship and reputation management will be explored in various organization contexts, including but not limited to not-for-profit, non-profit, community, governmental, professional services, as well as proprietary consumer and business product/services. The key tactics appropriate to relationship development and management with a variety of stake-holder groups, including but not limited to employees, members, volunteers, regulators, legislators, community activists, investors, charities, as well as consumer/customers, will receive explicit scrutiny.

Prerequisite: COM 24200. Offered: Fall/Spring.

ASC 24500 - Fundamentals of Advertising (3)

An introduction to the history, rhetoric, and aesthetics of advertising. Examination of industry issues and key areas such as understanding the target audience, planning process, creative process, reaching the target audience, and media.

ASC 25000 - Research and Consumer Behavior (3)

An introduction to consumer behavior and how the discipline draws from psychology, sociology, and economics. An understanding of the tools used including qualitative and quantitative research methods. Discussion of the consumer decision-making process and influences that effect purchasing behavior.

ASC 30141 - Applied Advertising and Strategic Communications I (1)

With staff assignments in campus-related advertising media with a term involvement of 45 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required.

Prerequisite: ASC 22800 or ASC 24500; ASC 33900 or ASC 36300.

ASC 30142 - Applied Advertising and Strategic Communications II (2)

With staff assignments in campus-related advertising media with a term involvement of 90 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required.

Prerequisite: ASC 22800 or ASC 24500; ASC 33900 or ASC 36300.

ASC 30143 - Applied Advertising and Strategic Communications III (3)

With staff assignments in campus-related advertising media with a term involvement of 135 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required.

Prerequisite: ASC 22800 or ASC 24500; ASC 33900 or ASC 36300.

ASC 33500 - Media Planning and Buying (3)

This course is an in-depth study of the process of researching the cost effectiveness of the various media as advertising tools and examines the processes of media buying and the methods of selling radio, television, newspaper, magazine, and cyberspace advertising.

Prerequisite: MRKT 45070. Offered: Fall/Spring.

ASC 33900 - Effective Messaging in Public Relations (3)

Designed to further develop public relations skills with emphasis on public relations case studies and the development and execution of a public relations plan. Specialized areas of public relations, such as media relations, employee, financial, public affairs, recruitment, fundraising, cause-related, corporate reputation, crisis management, public communication campaigns, non-profit, government, sports, leisure, and general business.

Prerequisite: ASC 22800 and COM 24200.

ASC 34200 - Advertising Copywriting (3)

This course offers a focused examination and practice of the special skills required in writing for public relations and marketing communications programs. Emphases will include planning and executing written assignments for both advertising and publicity placement in a variety of print and electronic media, including converged media on the World Wide Web. Students will be encouraged to select organizational clients both within and outside the university and to compose work of professional quality

sufficient to warrant both inclusion in a professional portfolio and organizational support for its publication/placement.

Prerequisite: ASC 24500 and ENGL 17000.

ASC 36300 - Creative Advertising Concepts (3)

This course offers a focused examination of the creative processes involved in developing promotional messages, from brainstorming, through strategic message revision, to finished tactical message execution. Emphases will include practicing the tactics of the creative promotional concept execution, including targeting and tailoring promotional messages by integrating verbal and graphic message components for delivery across a variety of media platforms, including print, outdoor, broadcast, and interactive.

Prerequisite: AAD 20300; ASC 24500; COM 15400 or MRKT 35040.

ASC 41600 - Advertising Competition I: The Campaign (3)

Students will research and develop a real-world comprehensive campaign for the National Student Advertising Competition. Students will engage in market research, strategic planning, market segmentation, branding, messaging strategy, campaign development, art direction, copywriting, production, media planning and placement. Creative executions developed and designed.

Prerequisite: Permission of dean.

ASC 41700 - Advertising Competition II: The Pitch (3)

Students will engage in the final stage of the campaign for the National Student Advertising Competition. Students will prepare the final creative executions and media plan created in Advertising Competition I including the Plans Book and 20-minute client pitch including props.

Prerequisite: Permission of dean.

ASC 42700 - Advertising Campaign Management (3)

This course offers a comprehensive study of the processes involved in the development and deployment of successful advertising campaigns and will focus on the conceptualization, planning, budgeting, project timeline development and measurements of success and other stages of these campaigns. Creating a media plan, market segmentation overview and analysis of response rate are part of this class. An understanding of expectations, investment and return on investment will be reviewed as well.

Prerequisite: ASC 34200; ASC 36300 or MRKT 35040; and MRKT 45070.

ASC 44000 - Public Relations Plan Management (3)

A comprehensive study of the processes involved in the development of a public relations plan with a focus on the conceptualization, research, planning, implementation measurements of effectiveness and other stages of these

plans. Students will create a press release, media kit, and crisis plan while using several different media to reach the defined publics. An understanding of expectations, the many publics, and how public relations is used in organizations today will be used.

Prerequisite: ASC 25000 or MRKT 45070; ASC 33900.

ASC 45000 - Advertising and Strategic Communications Internship (3)

This course offers supervised work experience for the advanced student which requires the application of advertising and strategic communications principles, skills and strategies in business or professional communications organizations.

Prerequisite: Permission of dean.

AST-American Studies

AST 20001 - Introduction to American Studies (3)

GE-Human Culture: US History/Government This introductory and multidisciplinary course frames some of the central issues of American Studies today. We will provide a structure to consider how ideas of America have changed over time and in relation to larger uncertainties surrounding nation, empire, citizenship, race, and sexuality. Because this course will (at least) attend to literature, history, sociology, political science, ethnic studies, and gender studies, students will learn about different approaches and methodologies within American Studies; at the same time, prospective minors will learn key concepts within the field to help them for subsequent American Studies courses.

AST 30200 - Public History (3)

This course is designed to introduce history majors, prospective history majors, and other interested undergraduates to career possibilities in public history. The course studies the various ways in which historians work outside the classroom in arenas that allow their work to be read, seen, heard, and interpreted by popular audiences. This course will focus on five different but related areas: archives, museums, historic preservation, historic sites, and media. Students will study the history of each of these areas, the theories that support them, and some aspects of the work involved. In addition, students will study controversies and ethical problems that public historians have faced. Not open to students with credit in HIST 30200.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment.

AST 32000 - America: The Search for a More Perfect Union (3)

GE-Human Culture: US History/Government This class will give students an overview of the evolution of events,

ideas, and trends as Americans in the nineteenth century sought to fulfill the Constitutional promise of creating “a more perfect union.” Through documents, laws, literature, speeches, and visual culture, students will explore the development of the ideas and events that shaped the United States of the twentieth—and twenty-first—centuries.

Prerequisite: ENGL 17000 with a C or better. Cross-Listed as: HIST 32000.

AT - Athletic Training

AT 22200 - Introduction to Ergonomics (3)

This course is designed to provide the student with the knowledge and skills to identify ergonomic issues in the home, school, and workplace that can cause musculoskeletal disorders and repetitive strain injuries.

AT 25000 - Clinical Practicum I (2)

This course is designed to assist students in becoming proficient in various taping/bandaging techniques commonly used in the athletic training profession. Students will further their knowledge of taping techniques for both upper and lower extremities, as well as immediate care for athletic injuries. Students will be assigned a clinical rotation with an approved preceptor to assist with clinical development. Lab fee required. Admittance into the Athletic Training Program is required.

Prerequisite: Permission of dean. Offered: Fall.

AT 26000 - Clinical Practicum II (2)

This course will improve the athletic training students understanding of evidence based research, and specifically, in its application within the field of sports medicine. Students will be assigned a clinical rotation with an approved preceptor to assist with clinical development. Students are required to be in good standing within the athletic training program.

Prerequisite: AT 25000. Offered: Spring.

AT 28000 - Introduction to Athletic Training Lab (1)

This course is designed to develop taping skills for upper and lower extremity pathologies commonly seen in athletics. Students will also be exposed to proper methods in basic wound care, splinting, bandaging, crutch fitting, and therapeutic modalities. Lab fee required.

Offered: Spring.

AT 28300 - Clinical Experience I (3)

This is an introductory course in athletic training with emphasis on what it takes to become an athletic trainer. The student, under the direct supervision of a Staff Certified Athletic Trainer, will complete 165 hours of game and practice observation and athletic training room responsibilities as part of the pre-requisites for the Athletic Training Education Program (ATEP). This clinical

experience must be completed prior to formal admission into the ATEP. Lab fee required.

Offered: Fall/Spring.

AT 28500 - Introduction to Athletic Training (3)

This is an introduction course in athletic training with emphasis on current practices in Athletic Training and Sports Medicine. The course will concentrate on techniques used in prevention, treatment, and recognition of injuries.

Offered: Fall/Spring.

AT 30000 - Principles of Rehabilitation (3)

This course is designed to provide students with an understanding of core principles for the rehabilitation of common musculoskeletal and neurological conditions. Students will learn basic terminology, principles, and theory regarding rehabilitation and the course will build on the student's understanding of biomechanics, kinesiology, and physical conditioning in their application to physical rehabilitation and reconditioning.

Prerequisite: HFS 31000 or EXS 32500. Offered: Fall.

AT 30100 - Therapeutic Exercise and Rehabilitation of Athletic Injuries (3)

This course will study the ways therapeutic exercise can be applied to the treatment of various athletic injuries including modes of strengthening, flexibility improvement, facilitation techniques, post-operative exercises, muscles testing, and functional activities. This course is taken in conjunction with AT 38000.

Prerequisite: HFS 31000 or EXS 32500; EXS 31500, EXS 31600, AT 30300, AT 38200, and AT 30000. Offered: Spring.

AT 30200 - Assessment of Athletic Injuries-Lower Body (3)

This course will study the mechanism of injuries and specific orthopedic evaluation to determine injury pathology found in lower body injuries in athletics. Mechanism of injury, history, observation and palpation of injuries, range of motion, strength testing, and special testing will all be covered. Taken in conjunction with AT 38100.

Prerequisite: HFS 20400; HFS 20600; HFS 31000 or EXS 32500. Offered: Spring.

AT 30300 - Assessment of Athletic Injuries-Upper Body (3)

This course will study the mechanism of injuries and specific orthopedic evaluation to determine injury pathology found in upper body injuries in athletics. Mechanism of injury, history, observation and palpation of injuries, range of motion, strength testing, and special testing will be covered. Taken in conjunction with AT 38200.

Prerequisite: AT 30200 and AT 38100. Offered: Fall.

AT 30400 - Therapeutic Modalities (3)

This class includes review of physiological and psychological responses to injury and the theory and application of hydrotherapy, electrotherapy, thermotherapy, cryotherapy, and manual and mechanical techniques for the prevention and care of athletic injuries. The knowledge and implementation of treatment protocol will also be challenged. Taken in conjunction with AT 38600.

Prerequisite: BSC 22800. Offered: Spring.

AT 30700 - Foot Orthosis: Casting and Fabrication (3)

Students will learn the biomechanical reasons and diagnoses that require orthotics to be prescribed and the basics of biomechanical evaluations. Students will be exposed to step-by-step procedures of casting, constructing and grinding of a foot orthosis. Lab fee required.

Prerequisite: Six credit hours of GE Natural Science or GE Natural Science with Lab courses, sophomore standing.

AT 35000 - Clinical Practicum III (2)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas of injury prevention, assessment, and management for pathologies of the lower body. Students will be assigned a clinical rotation with an approved preceptor to assist with clinical development. Students are required to be in good standing within the athletic training program. Lab fee required.

Prerequisite: AT 26000, HFS 20400, and HFS 20600. Offered: Fall.

AT 36000 - Clinical Practicum IV (2)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas of injury prevention, assessment, and management for pathologies of the upper body. Students will be assigned a clinical rotation with an approved preceptor to assist with clinical development. Students are required to be in good standing within the athletic training program.

Prerequisite: AT 30300, AT 35000, and AT 38200. Offered: Spring.

AT 38000 - Therapeutic Exercise and Rehabilitation of Athletic Injuries Lab (2)

This class is used to understand and perform the exercises used in rehabilitation for both upper and lower extremities as well as neck, torso and low back. Specific injuries and doctors' protocols will be studied. Taken in conjunction with AT 30100. Lab fee required.

Offered: Spring.

AT 38100 - Assessment of Athletic Injuries-Lower Body Lab (2)

This course is designed to apply the clinical skills of taking a history, observation and palpation, and measuring range of motion, strength, and special tests of the lower body. Taken in conjunction with AT 30200.

Offered: Spring.

AT 38200 - Assessment of Athletic Injuries-Upper Body Lab (2)

This course is designed to apply the clinical skills of taking a history, observation and palpation, and measuring range of motion, strength, and special tests of the upper body. Taken in conjunction with AT 30300.

Prerequisite: AT 30200 and AT 38100. Offered: Fall.

AT 38300 - Clinical Experience II (3)

This course is designed to assist students in becoming proficient in various taping/bandaging techniques commonly used in the athletic training profession. Students will further their knowledge of taping techniques for both upper and lower extremities and will develop proficiency in first aid and wound care, splinting, bandaging, crutch fitting, and administering therapeutic modalities. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor. Lab fee required.

Prerequisite: AT 28000, AT 28300, and AT 28500.

Offered: Fall.

AT 38400 - Clinical Experience III (3)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas of injury prevention, assessment, and management for pathologies of the lower body. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor.

Prerequisite: AT 30200 or HFS 20400; AT 38100 or HFS 20600; and AT 38300. Offered: Spring.

AT 38500 - Clinical Experience IV (3)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas of injury prevention, assessment, and management for pathologies of the upper body. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary

competencies and proficiencies under the supervision of a preceptor. Lab fee required.

Prerequisite: AT 30200, AT 38100, and AT 38400.

Offered: Fall.

AT 38600 - Therapeutic Modalities Lab (1)

This course is designed to identify how to utilize therapeutic modalities most effectively in order to prepare the athletes for a quick and safe return to their sport. Therapeutic modalities covered in lab consist of cryotherapy, thermotherapy, electrical stimulation, ultrasound, diathermy, massage, and cold laser therapies. This course is taken in conjunction with AT 30400. Lab fee required.

Prerequisite: BSC 22800. Offered: Spring.

AT 42800 - Clinical Experience V (3)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency of previously instructed skills. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor.

Prerequisite: AT 30400, AT 38600, and AT 38500.

Offered: Spring.

AT 42900 - Clinical Experience VI (3)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency of previously instructed skills. Students will be assigned a clinical rotation with an athletic team to complete 165 hours and all necessary competencies and proficiencies under the supervision of a preceptor.

Prerequisite: AT 30100, AT 38000, AT 42800, EXS 31500, and EXS 31600. Offered: Fall.

AT 43100 - Organization and Administration of Athletic Training (3)

This course examines the various policies and procedures involved with the administration of athletic training. Studies include facility organization and design, legal liability, personnel management, equipment, maintenance, budgeting, recordkeeping, health-care services, counseling, and public relations.

Prerequisite: Senior standing. Offered: Fall.

AT 43200 - Pharmacology (3)

In this course, students will develop an understanding of basic pharmacology, terminology, pharmacokinetics, pharmacodynamics, and administration of drugs and their application within the profession of athletic training. Topics will include the mechanism of action, side effects, drug interactions, indications, and contraindications of a

wide spectrum of drugs that one may encounter while working in the athletic training profession. Specific discussions will also focus on the effects of drugs on physical activity, commonly used ergogenic aids and other supplements, the current list of banned substances in athletic organizations, and drug testing procedures.

Prerequisite: BSC 22800. Offered: Fall.

AT 43300 - Pathology of Non-Orthopedic Injuries and Illness (3)

This course prepares the athletic training student for assessing and managing non-orthopedic injuries and illnesses that one may encounter while working in the athletic training profession. The course will focus on the etiology, signs and symptoms, pathological course, treatment, and prognosis of various conditions, such as pathological conditions of the skin, eyes, ears, nose, and throat. Other areas of discussion will include pathological conditions pertaining to the following systems: respiratory, cardiovascular, endocrine, genitourinary, and neurological.

Prerequisite: AT 30300; AT 38200; BSC 22800. Offered: Fall.

AT 43800 - Senior Seminar (1)

Students will begin preparing for the Board of Certification examination. Instruction will focus on students developing an individualized study plan to succeed on the BOC examination through self-assessment exams. Students will be further prepared for their certification examination by developing a deep understanding of the BOC requirements, the National Athletic Trainers' Association (NATA) Role Delineation Study, the NATA position statements, and the NATA domains of athletic training. As part of this course, students will also actively participate in attending an ACES workshop to further their preparation. Lab fee required.

Prerequisite: Senior standing. Offered: Fall.

AT 43900 - Athletic Training Integrating Experience (3)

Students will apply the skills and competencies they have learned by doing internships at three different athletic training settings. These settings will be traditional and nontraditional.

Prerequisite: Senior standing. Offered: Fall/Spring.

AT 45000 - Clinical Practicum V (2)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. The course will provide an opportunity to the student to demonstrate clinical proficiency in the areas therapeutic exercise, therapeutic modalities, and other various aspects of rehabilitation, such as program design, implementation, and progression. Students will be assigned a clinical rotation with an approved preceptor to assist with clinical development.

Students are required to be in good standing within the athletic training program. Lab fee required.

Prerequisite: AT 30100; AT 30400; AT 36000; AT 38000; AT 38600. Offered: Fall.

AT 46000 - Clinical Practicum VI (2)

This course is designed to expose the student to experiences common in the field of practice as athletic training professionals. Students will be challenged to assess situations and use their knowledge and critical thinking skills to develop intervention plans for common athletic injuries. Students will also be expected to complete a case report and poster presentation as a culminating project to demonstrate their understanding of research within the field of athletic training. Students will be assigned a clinical rotation with an approved preceptor to assist with clinical development. Students are required to be in good standing within the athletic training program.

Prerequisite: AT 45000. Offered: Spring.

BSC - Biological Sciences

BSC 10000 - Concepts in Biology (4)

GE-Natural Science with Lab This course examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific methods, historical developments, current applications, and ethical issues. Laboratory activities reinforce classroom learning. Lab fee required.

BSC 10700 - Human Biology (3)

GE-Natural Science This course studies human physiological and anatomical systems as they apply to health, disease, and social interactions.

BSC 10800 - Biology of the Human Body (3)

GE-Natural Science with Lab This course will study the physiology and the anatomical systems found in the human body. A reduced laboratory component will be included. Lab fee required.

BSC 11000 - Principles in Biology (3)

GE-Natural Science This course examines mechanisms of evolution, cellular biology, genetics, and ecology with emphasis on scientific methods, historical developments, current applications, and ethical issues.

BSC 11100 - Introductory Lab Techniques in Biology (3)

This is a hands-on study of the basic techniques of biological experimentation such as microscopy, reagent

preparation, chromatography, electrophoresis, spectrophotometry and centrifugation. Lab fee required.

BSC 11200 - Environmental Biology (4)

GE-Natural Science with Lab For non-majors, this course is a study of the biological systems comprising the biosphere and those perturbations which would threaten homeostasis of the systems. Lab fee required.

BSC 11400 - Principles of Environmental Biology (3)

GE-Natural Science For non-science majors, this course is a study of the biological systems comprising the biosphere and those perturbations which would threaten homeostasis of the systems.

BSC 11500 - Environmental Biology Laboratory (1)

GE-Natural Science Lab This course must be taken concurrently with BSC 11400. The course includes hands-on activities in both field and classroom settings that complement the topics covered in BSC 11400. Lab fee required.

BSC 12100 - Nutrition (3)

GE-Natural Science This course is a study of nutrition emphasizing food molecules, their metabolic value and daily allowances. The importance of informed nutritional choices and their effects on health will also be examined.

BSC 22700 - Human Anatomy and Physiology I (4)

GE-Natural Science with Lab This course is a study of structure and function in the human body, including the following systems: integumentary, skeletal, muscle, endocrine, nervous, and sensory. Lab fee required.

Prerequisite: BSC 10000 or BSC 24400 with a C or better.

BSC 22800 - Human Anatomy and Physiology II (4)

This course is a study of structure and function in the human body, including the following systems: respiratory, cardiovascular, excretory, digestive, reproductive, and immune. Lab fee required.

Prerequisite: CHM 10000, CHM 23000, or CHM 23100 with a C or better; BSC 10000 or BSC 24400 with a C or better; BSC 22700 with a C or better.

BSC 23000 - Microbiology for Health Sciences (4)

This course examines microorganisms as they relate to human health and disease. Students will learn the cell structure, growth, and genetics of microorganisms in general, and the pathogenesis of specific microorganisms. The function of the immune system and the effectiveness of antibiotic agents will also be covered. Laboratory investigations will include safety, basic procedures, aseptic

technique, isolation, growth and identification of microorganisms, and inquiry into the effect of antibiotics on growth of bacteria and the development of antibiotic resistance. Lab fee required.

Prerequisite: BSC 10000 or BSC 24400; CHM 10000 or CHM 23000 with a C or better.

BSC 24000 - Introduction to Biological Diversity (4)

GE-Natural Science with Lab This course will be a study of basic biological principles related to the diversity of living organisms and their development. Topics covered will include taxonomy, morphology, life cycles, and developmental relationships among the prokaryotes, protists, fungi, plants, and animals. This is a rigorous GE course designed and intended for sciences majors. Lab fee required.

Prerequisite: MTH 11000 or placement.

BSC 24400 - Introduction to Cellular and Molecular Biology (4)

GE-Natural Science with Lab This course introduces students to the scientific concepts of biologically important molecules, cell structure/ function, Mendelian and molecular genetics. Lab activities will reinforce lecture concepts; introduce techniques, and model modern scientific inquiry. This is a rigorous General Education course designed and intended for science majors. Lab fee required.

Prerequisite: CHM 23000 or CHM 23100 with a C or better.

BSC 24800 - Introduction to Ecology and Evolution (4)

This course will study the basic biological principles related to the diversity of living organisms and their environment. Topics covered will include evolution and the ecological relationships among the prokaryotes, protists, fungi, plants, and animals. Lab fee required.

Prerequisite: BSC 24000 with a C or better.

BSC 26300 - Environmental Policy (3)

This course is an introduction to the development of environmental policy in the US and the role of international law. Included is an examination of development and implementation of environmental regulations, conservation and municipal management and environmental impacts of regulation.

Prerequisite: BSC 24800 or BIO 25200 with a C or better.

BSC 28000 - Introduction to Clinical Laboratory Science (3)

This course introduces students to the laboratory procedures and subject matter of clinical laboratory science. Taught at St. John's Mercy Medical Center.

Prerequisite: BSC 40400 and CHM 23200 with a C or better; permission of dean.

BSC 28500 - Methods and Writing for Biology (1)

Students will be introduced to locating and reading scientific literature and scientific writing.

Prerequisite: BSC 24000 with a C or better.

BSC 30200 - Biometry I: Introduction to R (2)

The R statistical programming language is a common and freely accessible option for publication-level data analysis. This course will introduce the use of R while also reinforcing concepts of scientific inquiry, experimental design, and inferential statistics. Foundational instruction in computer programming will be provided—no prior programming experience is necessary. Example data sets used in class will be drawn from various biological disciplines, providing many examples for application. An emphasis will be placed on the versatile and powerful graphical capabilities of R. This course is applicable as an elective for all emphases within the biology major.

Prerequisite: BSC 24400 and MTH 24100 with a C or better.

BSC 32000 - Plant Biology (4)

This lecture and laboratory course examines concepts in cell biology, energy transformation, genetics, evolution, ecology, anatomy, reproduction, and taxonomic characteristics of plants. Lab fee required.

Prerequisite: BSC 24400 with a C or better; BSC 24800 or BIO 25200 with a C or better.

BSC 33200 - Plant Physiology (4)

This course is an in-depth examination of plant growth and development, including plant cells, biochemistry, development, and environmental physiology. Lab fee required.

Prerequisite: BSC 32000 and CHM 23200 with a C or better.

BSC 34100 - Vertebrate Zoology (4)

A survey of vertebrate animals covering evolution, natural history, behavior, and ecology. Laboratory activities will focus on identification and anatomy. Lab fee may be required.

Prerequisite: BSC 24800 with a C or better.

BSC 35300 - Microbiology (4)

This course relates major principles in biology to the microbial world. Primary emphasis is on prokaryotes and viruses. Both general and health-related applications of microbiology are studied to project microbiology into the clinical setting and emphasize its importance in healthcare. Laboratory activities will illustrate the procedures used in the isolation and identification of microbes, as well as the principles of asepsis and disinfection. Lab fee required.

Prerequisite: BSC 24400 and CHM 23200 with a C or better.

BSC 35800 - Parasitology (3)

This lecture and laboratory course on parasites of importance to human health and economics emphasizes vectors, reservoirs, hosts, and those ecologic and epidemiologic factors associated with disease transmission and prevention. Lab fee required.

Prerequisite: BSC 24400 with a C or better; BSC 24800 or BIO 25200 with a C or better.

BSC 36200 - Advanced Environmental Biology (4)

This course emphasizes analysis of environmental problems. Basic ecological principles are used to examine problems of human interactions with the ecosphere. Lab fee required.

Prerequisite: BSC 24800 or BIO 25200 with a C or better.

BSC 36400 - Entomology (4)

This course is the study of insects, including anatomy and physiology, identification and characteristics of common orders and families, ecological roles and significance, and importance to human lives. Lab fee required.

Prerequisite: BSC 24400 and BSC 24800 with a C or better.

BSC 36600 - Field Biology (3)

This course provides students interested in field biology with the necessary background and tools to carry out field research projects. Students learn to analyze and describe populations and communities of organisms and the environments in which they are found. Students learn to use mathematical and chemical procedures for analyzing data and samples. Lab fee required.

Prerequisite: BSC 24800 or BIO 25200 with a C or better and MTH 24100 with a C or better.

BSC 36800 - Biology in Society (2)

In this discussion-based course, students will analyze current biology topics garnering media attention. Topics may include uses of stem cell technology, GMO safety for human and environmental health, child vaccination, human-caused climate change, and the efficacy and health consequences of popular diets. Students will practice critiquing both peer-reviewed journal articles and popular media sources like web-pages, magazine and newspaper articles, and videos to evaluate the validity of claims made in these publications.

Prerequisite: BSC 24000 and BSC 24400 with a C or better.

BSC 37400 - Embryogenesis (3)

Embryogenesis is the process by which an embryo forms and develops. We will focus on the cellular and molecular basis of embryonic development using model organisms to understand human embryogenesis. Topics covered include fertilization, axis specification, differentiation and morphogenesis.

Prerequisite: BSC 24400 with a C or better.

BSC 40400 - Cell Biology (4)

This course examines cellular and subcellular structure, organization, and function with emphasis on relationships between cell structure and the dynamics of the cell. Hands-on laboratory experiments strengthen understanding of these concepts. Lab fee required.

Prerequisite: BSC 24400 and CHM 23200 with a C or better.

BSC 40800 - Genetics (4)

The course is a study of classical and modern genetics, including Mendelian inheritance, the genetic code, gene interactions, gene control, and population genetics. Lab fee required.

Prerequisite: BSC 40400 and MTH 24100 with a C or better.

BSC 41300 - Immunology (3)

This course introduces students to the role of blood cells in the defense of the human body. Cells and organs of the immune system, immune effect or mechanisms, and the immune system in health and disease will be covered.

Prerequisite: BSC 40400 with a C or better.

BSC 42200 - Biochemistry: Metabolism (4)

This course focuses on understanding metabolic pathways and provides an in-depth examination of cellular energetics, regulation, and metabolic disease. Students will apply chemical principles to understanding protein function, enzyme mechanism, and chemical understanding of the pathways of metabolism. The laboratory portion of this course will introduce biochemistry procedures used to purify proteins and measure enzyme activity. Lab fee required.

Prerequisite: CHM 36200 with a C or better; BSC 40400 or CHM 42100. Cross-Listed as: CHM 42200.

BSC 46400 - Evolution (3)

This course is an in-depth study of evolutionary theory and its implications throughout biology. Topics include Darwinian Natural Selection, mechanisms of evolutionary change, adaptation, and the history of life on earth.

Prerequisite: BSC 24800 or BIO 25200 with a C or better; senior standing.

BSC 46500 - General Ecology (4)

This course is the study of ecology, including ecosystem dynamics, models of population growth and distribution, measurement of energy flow, and population dynamics. Lab fee required.

Prerequisite: BSC 28500 and MTH 24100 with a C or better; BSC 24800 or BIO 25200 with a C or better; and senior standing.

BSC 48000 - Independent Research (1-6)

May be repeated. This is an undergraduate research course.

Prerequisite: Permission of the dean.

BSC 48800 - Genetics of Evolution (2)

This is a capstone course for Biological Sciences majors intended to be taken in the last year of the program. Students will learn theories of genetics and how they have shaped evolution using team-based case study analysis. This course uses information learned from previous classes and applies it to new situations.

Prerequisite: BSC 28500 with a C or better; senior standing. Corequisite: BSC 40800 or BSC 46400.

CCJ - Criminology and Criminal Justice

CCJ 11000 - Criminal Justice Systems (3)

This course offers a survey of various institutions by which the criminal justice system is administered including the police, the legal profession, the courts, and penal institutions as well as an examination of the problems which the criminal justice system faces and an evaluation of the adequacy of the existing system.

Offered: Fall/Spring.

CCJ 20000 - Criminology (3)

GE-Social Science This course is designed to introduce students to the field of criminology, the scientific study of crime and related theories. Exploration of the development of criminal law, how crime is defined, trends and patterns of crime, and who is most likely to be a victim of crime will be covered. This course is designed as an overview analyzing the strengths and weaknesses of current theories of crime and causation from perspective based on empirical research.

Offered: Fall/Spring.

CCJ 20500 - Criminal Justice Observation (1)

Students observe criminal justice practitioners in the areas of police, courts, corrections, or related areas. Students will benefit by observing the relationship between theory and practice in a work related setting.

Offered: Fall/Spring.

CCJ 22500 - Comparative Crime and Justice Studies (3)

GE-Human Culture: Foreign Culture/Human Diversity This course introduces students to contemporary issues relevant to crime and the operation of criminal justice systems around the world. Topics may include but are not limited to: comparisons of International crime data and models of justice at each level of the criminal justice system, Transnational Crime and Justice issues, Global Criminology, Human, Arms and Drug Trafficking across borders, Violence against women and The International Criminal Court. Students will gain knowledge and

understanding of diverse people and cultures outside of the United States in a framework that broadens their understanding and appreciation of divergent perspectives regarding crime and justice. Cross-cultural analyses will facilitate critical thinking regarding race, gender and class structures, globalization challenges, and strengths and weakness of various systems, including the one wherein they reside. Offered regularly. Intermittently offered with or without a travel component. Lab fee required with travel.

CCJ 24000-24999 - Special Topics in Criminology and Criminal Justice (1-3)

This course deals with a specialized topic in criminology and criminal justice. Subject areas will change from time to time to reflect relevant issues within the field of criminal justice. Possible topical fields may be drawn from such areas as comparative criminal justice, the history of criminal justice, cybercrimes, gangs, organized crime, probation and parole, and criminal profiling. The particular topic to be addressed will be announced and a course description provided at the time of registration. The course is open to all students and no prerequisites are required. Lab fee may be required.

CCJ 24500 - Police Academy Preparatory (3)

This course is required for only those students interested in applying to and attending the St. Louis County and Municipal Police Academy the following January as part of Lindenwood University's partnership with such entity. Students are required to meet with the instructor during hours that closely mirror the required hours they will attend the academy if accepted as a cadet. All activity will consist of preparatory physical conditioning and basic police training assignments.

Prerequisite: Permission of dean.

CCJ 30000 - Policing in America (3)

This course is an analysis of the contemporary role of the police relative to such areas as the police subculture and community relations, police accountability and civil liability, police stress, and unique problem situations and groups encountered by the police.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 30100 - Criminal Law and Procedure (3)

The goals of the course are to extend the basic concepts learned in the prerequisite courses, introduce more in-depth analysis of criminal law and our criminal justice system, strengthen the students understanding of the law and enhance the students' ability to think critically and analytically. Moreover, the course will provide a platform to demonstrate practical applications of criminal law and procedure. This course will prepare the student to achieve

higher levels of learning in their degree curriculum and serve as a solid foundation of knowledge for future work experience.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 30500 - Corrections (3)

This course is a contemporary analysis of the operation of and problems encountered by jails and prisons as well as the study of probation, parole, community service and restitution, electronic monitoring, and other innovative community correctional programs.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 31000 - Forensic Anthropology: An Introduction (3)

This course introduces students to the complex and diverse field of Forensic Anthropology. Most forensic studies and disciplines originated from the field of Anthropology. Students will gain an understanding of the multidisciplinary aspects of the field including human remains identification and analysis, medicolegal context, and crime scene investigation. This will be accomplished within the context of scientific principles of physical anthropology and biology. This course can serve as a part of the foundation for career in forensic science. Lab fee required.

Prerequisite: ANT 13100, BSC 22700, CCJ 20000, or PSY 30300. Offered: Fall. Cross-Listed as: ANT 31000.

CCJ 31100 - The Juvenile Justice System (3)

This course is an examination of the origin, philosophy, and objectives of the juvenile justice system. Emphasis will be placed on the decision making process of police, court, and probation officials relative to the apprehension, processing, and treatment of juveniles. Supreme Court decisions in the juvenile field also will be addressed.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 31500 - Victimology (3)

This course is designed to familiarize students with victimology, a sub-discipline of criminology concerned with the scientific study of victims in contemporary society. Topics covered include but are not limited to: the development and evolution of the victim movement in the United States, theories of victimization, empirical examination of pertinent issues, understanding differential rates of victimization based on individual characteristics, the impact of institutions such as the media and criminal justice system, and critical analysis of social policies designed to address the plight of victims. Detailed consideration of specific victim populations and types of victimization will be emphasized in turn throughout the semester. Upon successfully completing this course, students will have not only an in depth understanding of

victimology and relevant research, but also gain the skills to think critically about victimization as it relates to the criminal justice system and bridge the gap between theory and practice.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 32000 - Race, Crime, and Punishment (3)

A comparative study of racial differences in offending patterns, which will focus on the over-representation of minorities in the criminal justice system. Possible causes, current research, government policies, initiatives, and laws will be explored and evaluated. This will be an interactive, discussion-focused special topics course, which will appeal to criminal justice majors but also to anyone working in fields that interface with offenders like social work, psychology, sociology and political science.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 32100 - White-Collar Crime (3)

Students will examine the definition and scope of the problems associated with White-Collar Crime. The American public often overlooks the violent aspects of elite deviance. Additionally, this course will address the costs, institutional corruption, religious fraud, environmental crimes, and the manufacture and distribution of unsafe consumer products.

Prerequisite: CCJ 11000 and CCJ 20000.

CCJ 32600 - Alcohol, Drugs, and Society (3)

This course is a focus on the social forces that surround and contribute to the definition of drugs and alcohol use and abuse. The various legal and other responses to drug use and abuse are also considered.

Prerequisite: ANT 11200, CCJ 20000, PSY 10000, or SOC 10200. Cross-Listed as: SOC 32600.

CCJ 33100 - Criminal Investigation (3)

This course provides students with an in-depth examination of the various aspects associated with conducting a criminal investigation. Course topics to include historical, legal, scientific, and practical application of investigating various major crimes. Students will also participate in practical exercises reflective of the various types of activities with a criminal investigation.

Prerequisite: CCJ 11000 and CCJ 20000. Offered: Fall/Spring.

CCJ 33300 - Research Methods for Criminology and Criminal Justice (3)

This course is designed to introduce students to research methods in criminology and criminal justice. Topics addressed throughout the semester include, but are not limited to types of scientific inquiry in criminology and criminal justice, Research design and issues, Sampling,

Application, and Analysis. Upon completion of this course, students will have the tools to accurately assess scholarly research in criminology and criminal justice, as well as the knowledge to pursue individual research projects utilizing appropriate methodologies and tools.

Prerequisite: CCJ 11000 and CCJ 20000.

CCJ 33800 - Criminal Minds (3)

This course is an introduction into the criminal mind and aspects of criminal psychology that are useful to criminal justice practitioners. Students will learn about historical trends in the study of the criminal mind, contemporary theories, and research regarding psychopathy, children who kill, serial killing, and interventions with offenders, among other topics. Students will examine the applied use of psychology in criminal justice.

Prerequisite: Junior standing. Offered: Spring.

CCJ 34000-34999 - Special Topics in Criminology and Criminal Justice (3)

This course will deal with a specialized topic in criminology and criminal justice. Subject areas will change from time to time to reflect relevant issues within the field of criminal justice. Possible topical fields may be drawn from such areas as comparative criminal justice, victimology, the history of criminal justice, white collar crime, ethics in criminal justice, the law of criminal evidence, criminal investigation, drugs and alcohol, and private security. The particular topic to be addressed will be announced and a course description provided at the time of registration.

Prerequisite: CCJ 11000 or CCJ 20000; junior standing.

CCJ 35005 - Women, Crime, and the Law (3)

This course will examine the basic study of the female offender, women and girls in the criminal justice system, and the roles of women working in the criminal justice system. The course will introduce students to gender and ethnic diversity issues within the justice system, along with the strengths of oppressed people, especially women of color. A wide range of issues are covered, including the rate of early childhood sexual abuse, victimization among female inmates, and obstacles for women working within the justice system.

Prerequisite: ANT 11200, CCJ 20000, PSY 10000, or SOC 10200. ; junior standing.

CCJ 35500 - Criminal Justice Ethics (3)

This course is an introduction to the basic ethical themes that run through the entire Criminal Justice system. It is a course that will provide practical information and the opportunity to develop practical skills for the analysis of ethical dilemmas-of which there is no shortage in the Criminal Justice field. This course will provide the opportunity to gain a basic knowledge of ethical systems in general, and will address the dilemmas of practitioners in real life criminal justice situations, including those that

arise from the systems complex interaction of various police, prosecutor, court, and corrections agencies.

Prerequisite: CCJ 11000 and CCJ 20000.

CCJ 39000-39999 - Special Topics in Criminology and Criminal Justice (1-6)

CCJ 44000 - Senior Seminar in Criminal Justice (3)

This is a capstone course dedicated to the analysis of major issues in criminal justice. Emphasis will be placed on the various components of the criminal justice system and encourage students to critically examine the justice system, as it exists in American society today. Additionally, students will explore how criminological theories are applied to practice and public policy. Criminal justice practitioners will be invited as guest lecturers to provide students with relevant information on trends within their respective fields, and students will be able to assimilate knowledge from previous coursework in a meaningful way in order to prepare for graduation and employment.

Prerequisite: Senior standing. Offered: Fall/Spring.

CCJ 45000 - Practicum in Criminology and Criminal Justice (3-6)

This course is structured for the student to gain field experience in policing, corrections, juvenile justice, law and the court system, or within the private security/investigation sector. Students must complete 50 hours in the field for each credit of internship and weekly assignments.

Prerequisite: Junior standing; 18 credit hours in Criminology and Criminal Justice courses; and 2.5 GPA. Offered: Fall/Spring.

CCJ 46000 - St. Louis County and Municipal Police Academy (15)

Lindenwood University is in a partnership with the St. Louis County and Municipal Police Academy (SLCMPA). Lindenwood University students will have the option of completing a Missouri State Peace Officer's Standards and Training Program and earn a Class A Peace Officer's license as part of their undergraduate degree program. The SLCMPA offers an intensive 869 hour- 23 week- Missouri State Peace Officer's Standards and Training Program of classroom and hands-on practical instruction in the core knowledge and skills needed by peace officers working in the State of Missouri. The program includes academic courses in Constitutional Law, Missouri Statutory Law, Traffic Law, Interpersonal Skills, Patrol, Criminal Investigation, Report Writing, Traffic Accident Investigation, Juvenile Justice and Procedures. Students also receive superior training in First Aid, Firearms, Defensive Tactics, Driver Training, and Physical Fitness.

Prerequisite: CCJ 24500, permission of Lindenwood University instructor and acceptance to SLCMPA. Offered: Spring.

CHI - Chinese

CHI 10100 - Elementary Mandarin I (3)

GE-Human Culture: Foreign Language/Human Diversity This course is an introduction to the history and the fundamentals of the unique pictographic language and its basic principles, with emphasis on practical daily life communication, Chinese character writing, and development of all four language skills: listening comprehension, speaking, reading, and writing.

Offered: Fall.

CHI 10200 - Elementary Mandarin II (3)

GE-Human Culture: Foreign Language/Human Diversity This course continues the introduction to the history of the fundamentals of the unique pictographic language and its basic principles, with emphasis on practical daily life communication, Chinese character writing, and development of all four language skills: listening comprehension, speaking, reading, and writing.

Prerequisite: CHI 10100. Offered: Spring.

CHI 20100 - Intermediate Mandarin I (3)

GE-Human Culture: Foreign Language/Human Diversity This course reviews the syntax and pronunciation of Mandarin Chinese and offers continued practice in listening, comprehension, speaking, reading, and writing.

Prerequisite: CHI 10200. Offered: Fall.

CHI 20200 - Intermediate Mandarin II (3)

GE-Human Culture: Foreign Language/Human Diversity This course continues the study of the syntax and pronunciation of Mandarin Chinese and offers continued practice in listening, comprehension, speaking, reading and writing.

Prerequisite: CHI 20100. Offered: Spring.

CHI 25000 - Reading Contemporary Mandarin (3)

This course is designed to develop and consolidate the listening, speaking, reading, and writing skills of the student. It aims to prepare the student to communicate fluently and appropriately, orally and in writing, in Chinese; demonstrate a familiarity with contemporary Chinese society through news articles; develop a perspective based on a critical understanding of the Chinese view of world events.

Prerequisite: CHI 20200. Offered: Fall.

CHM - Chemistry

CHM 10000 - Concepts in Chemistry (4)

GE-Natural Science with Lab This course is an examination of the principles of Chemistry, especially those which find application in the study of biology. Topics to be covered include atomic structure, chemical

bonding, intermolecular forces, gas laws, solutions, and chemical energy. Laboratory work is included. Lab fee required.

Offered: Fall/Spring.

CHM 10100 - The World of Chemistry (3)

GE-Natural Science This course serves as a journey through the exciting world of chemistry. The foundations of chemical structures and their behaviors are explored through a combination of lectures and videos. The emphasis will be on the understanding of the principles of chemistry and their application to items in our current daily experiences. This is a course for non-science majors.

CHM 10500 - Chemistry in Society (3)

GE-Natural Science This course provides a basis for understanding problems of global proportion facing societies in the coming millennium. Fundamental chemical concepts will provide an understanding of the role chemistry plays in the problems considered, and in their potential resolution or solution. Issues include environmental concerns, energy, hunger and food production, health, pollution, and population considerations.

CHM 11100 - Environmental Science (3)

GE-Natural Science An introductory course on global environmental issues with an emphasis on chemistry, this course addresses a need to understand the scientific principles along with social, political, and economic background as pertains to topics such as air and water qualities, energy resources, waste management, and toxicology.

CHM 18100 - Survey of General, Organic, and Biochemistry I (3)

GE-Natural Science with Lab This course provides a survey of general chemistry. Topics include matter and energy, atoms, ionic and molecular compounds, gases, solutions, reactions, acids and bases, and an introduction to organic molecules. Laboratory work is included. Lab fee required.

CHM 18200 - Survey of General, Organic, and Biochemistry II (3)

GE-Natural Science with Lab This course provides a survey of organic and biochemistry. Topics include physical properties and reactions of organic molecules containing alcohols, thiols, ethers, and carbonyl based functional groups. Biochemistry topics covered will be: carbohydrates, lipids, amines, amino acids, proteins, and enzymes. Laboratory work is included. Lab fee required.

Prerequisite: CHM 18100.

CHM 23000 - General Chemistry 1 (3)

GE-Natural Science This course provides a systematic treatment of the principles of chemistry. Topics include the fundamental principles of chemistry, dimensional analysis, basic atomic structure and theory, stoichiometry, general nomenclature, and types of reactions.

Prerequisite: MTH 11000 with suggested concurrent enrollment in MTH 15100. Offered: Fall/Spring.

CHM 23100 - General Chemistry 2 (3)

GE-Natural Science This course is a continuation of CHM 23000. Topics include an advanced review of stoichiometry, gas laws, intermolecular forces, periodic properties, advanced bonding theory, solutions chemistry, molecular structures, and organic nomenclature. CHM 24100 must be taken concurrently with this course.

Prerequisite: CHM 23000 with a C or better; MTH 15100 or higher with a C or better. Offered: Fall/Spring.

CHM 23200 - General Chemistry 3 (3)

GE-Natural Science This course is a continuation of CHM 23100. Topics include an advanced solution chemistry, acid-base equilibria, thermochemistry, kinetics, electrochemistry, and nuclear chemistry. CHM 24200 must be taken concurrently with this course.

Prerequisite: CHM 23100 with a C or better; MTH 15100 or higher with a C or better. Offered: Fall/Spring.

CHM 24100 - General Chemistry 2 Laboratory (1)

GE-Natural Science Lab This course consists of one 2.5-hour laboratory period per week. Laboratory includes hands-on experimental procedures of general chemistry phenomena. Discussion focuses on mastery of chemistry concepts through class participation and group work. Lab fee required.

Corequisite: Must be taken concurrently with CHM 23100. Offered: Fall/Spring.

CHM 24200 - General Chemistry 3 Laboratory (1)

GE-Natural Science Lab This course consists of one 2.5-hour laboratory period per week. Laboratory includes hands-on experimental procedures of general chemistry phenomena. Discussion focuses on mastery of chemistry concepts through class participation and group work. Lab fee required.

Corequisite: Must be taken concurrently with CHM 23200. Offered: Fall/Spring.

CHM 30000 - Introduction to Chemical Literature and Laboratory Safety (1)

The purpose of this course is to assist students in understanding the body of information which constitutes the chemical literature, and in developing the skills required to effectively and efficiently utilize that literature both as students, and ultimately as professional chemists.

The basic literature skills and techniques learned here will continue to be useful throughout the student's professional lifetime.

Prerequisite: ENGL 17000 with a C or better; CHM 23200; CHM 36100.

CHM 31100 - Applications in Forensic Science (3)

This course covers the theory and applications of basic methods of forensic science including physical properties of glass, soil, hair, fiber, and paint; analytical techniques involving chemical analysis of drugs, alcohol, and bodily fluids; and techniques in DNA fingerprinting and ballistic analysis. Lab Fee required.

Prerequisite: CHM 23200 and CHM 36100 with a C or better.

CHM 33300 - Polymer Chemistry (3)

This course contains a brief overview of polymer science. Topics covered include polymer synthesis, statistics, kinetics, intermolecular forces, characterization, and materials properties.

Prerequisite: CHM 23200 and CHM 36100 with a C or better; MTH 17300 or MTH 27100.

CHM 35500 - Analytical Chemistry (4)

This course is the study of different quantitative and analytical techniques such as gravimetric, volumetric, and selective precipitation methods of analysis. Laboratory work is included. Lab fee required.

Prerequisite: CHM 23200 and MTH 24100 with a C or better. Offered: Fall/Spring.

CHM 36100 - Organic Chemistry I (4)

This course is a systematic study of the nomenclature, structures, properties, and reactions of organic compounds with emphasis upon the principles by which chemists predict the properties and reactions of organic compounds. Lab fee required.

Prerequisite: CHM 23100 with a C or better. Offered: Fall.

CHM 36200 - Organic Chemistry II (4)

This course is a continuation of CHM 36100. The principles of chemical behavior are applied to many types of organic compounds, including those of biological significance. Laboratory work is included. Lab fee required.

Prerequisite: CHM 36100 with a C or better. Offered: Spring.

CHM 38500 - Medicinal Chemistry (3)

The study of medicinal chemistry focuses on the design of new drugs. In order to design an effective therapeutic agent, the target must be defined and studied and a lead molecule must be selected then optimized for safety, efficacy, and pharmacokinetics. All of those steps will be examined in this course using current therapeutics and their discovery as case studies.

Prerequisite: BSC 24400 or BIO 25100 with a C or better; CHM 36100.

CHM 42100 - Biochemistry: Structure and Mechanism (4)

This course examines the macromolecular structure and function of the four basic components: 1) nucleotides, 2) proteins, 3) lipids and 4) sugars. This course will cover the processes of transcription and translation. The laboratory portion of this course will introduce biochemistry procedures where students will learn to identify the four basic components. In addition, computer techniques for studying these topics will be utilized. Lab fee required.

Prerequisite: BSC 24400 or BIO 25100 with a C or better; CHM 23200; CHM 36200. Offered: Fall.

CHM 42200 - Biochemistry: Metabolism (4)

This course focuses on understanding metabolic pathways and provides an in-depth examination of cellular energetics, regulation, and metabolic disease. Students will apply chemical principles to understanding protein function, enzyme mechanism, and chemical understanding of the pathways of metabolism. The laboratory portion of this course will introduce biochemistry procedures used to purify proteins and measure enzyme activity. Lab fee required.

Prerequisite: CHM 36200 with a C or better; CHM 42100 or (BSC 40400 or BIO 40400). Offered: Spring. Cross-Listed as: BSC 42200

CHM 44000 - Inorganic Chemistry (4)

The chemistry of transition elements emphasizing the periodic character of properties of these elements, and the relationship between various physical and structural properties with the type of chemical bonding employed by the various elemental groups will be studied. Lab fee required.

Prerequisite: CHM 36200; junior standing.

CHM 45500 - Instrumental Analysis (4)

This course centers on the study of instrumental methods of chemical analysis including spectrometric and mass analysis as well as separation techniques. Instruments covered, but not limited to, are AA, UV/Vis, FTIR, GC, GC/MS, and X-Ray Diffraction. Emphasis is given to principles of the techniques, method selections and their applications. Lab fee required.

Prerequisite: CHM 35500 and CHM 36100 with a C or better.

CHM 47100 - Physical Chemistry I (3)

This course is a theoretical and mathematical study of chemical properties and the methods of predicting physical and chemical changes. The principles of thermodynamics and kinetics are emphasized.

Prerequisite: MTH 27100 with a C or better; CHM 23200; PHY 30100 or PHY 25100 with a C or better. Offered: Spring.

CHM 47200 - Physical Chemistry II (3)

This course is a calculus based look at some of the most important discoveries in Chemistry and Physics in the 20th century, focusing on quantum mechanics, atomic and nuclear physics.

Prerequisite: MTH 27100 with a C or better; CHM 47100 or PHY 30100; CHM 23200. Offered: Fall.

CHM 47300 - Physical Chemistry Lab (2)

This course is a laboratory course focusing on data acquisition and statistical analysis of thermodynamic and kinetic data. Lab fee required.

Prerequisite: MTH 27100 with a C or better; CHM 47100 or PHY 30100; CHM 23200; and concurrent enrollment in CHM 47200.

CHM 48000 - Chemistry Internship (1-6)

This course offers a practical laboratory experience in a commercial, university, or forensics laboratory. The course may be repeated for credit, not to exceed nine credit hours total.

Prerequisite: ENGL 17000 with a C or better; junior standing; chemistry program of study; permission of dean.

CHM 48500 - Chemistry Seminar (1)

This course will provide background for the retrieval of information from the expanse of chemical literature. The course will prepare the student for library research on a topic selected jointly by the student and instructor. Student will present the paper to students and faculty.

Prerequisite: Senior standing.

CHM 48900 - Independent Research (1-6)

Students will plan, execute and report on a project in consultation with a faculty mentor. May be repeated for credit. Lab fee required. This is an undergraduate research course.

Prerequisite: CHM 30000; permission of dean.

COL - All-College

COL 10100 - Professional Skills (1)

This is a profession-based skills development course develop through the high schools to prepare students for a professional-based work experience, internship or practicum. Topics covered will include communication skills (verbal and written), resume development, interview preparation, networking skills and presentation skills. Students will have the opportunity to gain critical professional-based skills through exercises, case studies, seminars and discussions. Student must be a high school junior or senior enrolled in the high school's Center for

Advanced Professional Studies (CAPS) program's Profession Skills course.

Offered: Fall/Spring.

COL 11100 - Internet Library Research Strategies (1)

An activity based course designed to build upon basic computer/Internet skills necessary for a 21st century society, students will conduct a series of focused retrievals of online information and resources specific to their areas of study.

COL 20100 - Experiments in Cultural Comparison and Criticism (3)

This course addresses some of the same cultural criticism debated by the Honors UNIV students in the fall of their freshman year (at a more advanced level), such as cultural trends and attitudes regarding technology, compulsivity, social relations, and the debate over the liberal arts curriculum. U.K. culture and the system of higher education has enough in common with our own for comparison, while significant differences allow for interesting analysis and criticism. The course involves a trip to the U.K. and Ireland.

Prerequisite: Member of the Honors College and permission of dean. Offered: Spring.

COL 20202 - Professional Internship: Healthcare (1-2)

A profession-based work experience that enables students to work within a Healthcare context to apply knowledge and to gain experience in real-world settings. The experience should help develop decision-making skills through professional based work. Students are expected to demonstrate appropriate professional conduct in the work environment. The experience should help the student develop a profession vision that values diversity in the workplace. Student must be a high school junior or senior enrolled in the high school's Center for Advanced Professional Studies (CAPS) program's Profession Skills course. This course is graded on a Pass/Fail basis.

Offered: Fall/Spring.

COL 20203 - Professional Internship: Engineering (1-3)

A profession-based work experience that enables students to work within an engineering context to apply knowledge and to gain experience in real-world settings. The experience should help develop decision-making skills through professional based work. Students are expected to demonstrate appropriate professional conduct in the work environment. The experience should help the student develop a profession vision that values diversity in the workplace. Student must be a high school junior or senior enrolled in the high school's Center for Advanced Professional Studies (CAPS) program's Profession Skills course. This course is graded on a Pass/Fail basis.

Offered: Fall/Spring.

COL 20204 - Professional Internship: Technology (3)

A profession-based work experience that enables students to work within a technology context to apply knowledge and to gain experience in real-world settings. The experience should help develop decision-making skills through professional based work. Students are expected to demonstrate appropriate professional conduct in the work environment. The experience should help the student develop a profession vision that values diversity in the workplace. Student must be a high school junior or senior enrolled in the high school's Center for Advanced Professional Studies (CAPS) program's Profession Skills course. This course is graded on a Pass/Fail basis.

Offered: Fall/Spring.

COL 20205 - Professional Internship: Business (3)

A profession-based work experience that enables students to work within a business context to apply knowledge and to gain experience in real-world settings. The experience should help develop decision-making skills through professional based work. Students are expected to demonstrate appropriate professional conduct in the work environment. The experience should help the student develop a profession vision that values diversity in the workplace. Student must be a high school junior or senior enrolled in the high school's Center for Advanced Professional Studies (CAPS) program's Profession Skills course. This course is graded on a Pass/Fail basis.

Offered: Fall/Spring.

COL 35000 - Career Development (1)

This course will encompass career development strategies inclusive of self-assessment and exploration, occupational examination, and job campaigning. Experiential learning activities in the areas of leadership development, decision making, and goal setting will also be incorporated.

Prerequisite: Junior or senior standing.

COL 45000 - Community Service Internship (1)

This course involves service within volunteer agencies and social service programs in the local community, to enable students to be involved in practical experiences beyond their normal disciplines and to provide diverse opportunities that will enhance the student's educational background and broaden his/her range of marketable talents. Requires 150 hours of service in an approved agency during one semester of the student's junior or senior year. (May only be taken once).

COM - Communications**COM 10200 - Public Debate (3)**

GE-Communication This course studies the research, formulation and presentation of arguments in public policy debate. It will present research techniques that are useful in preparation for debate, teach students how to select and

strategically employ arguments in a debate, and prepare students to use critical thinking in evaluating an opponent's argumentation. The role of rhetorical persuasion in preparing and presenting speeches and engaging in cross-examination in such contexts will also be explored. Formal debate techniques will be discussed as well as the role judges and coaches play in the activity.

COM 10500 - Group Dynamics and Effective Speaking (3)

GE-Communication This course is designed to teach participants various interpersonal skills pertinent to one-on-one, small group, and large-group communication. Topics covered will include "reading" the audience, non-verbal communication, the rules of etiquette and appropriate dress, effective use of the voice, and group dynamics. Students will be required to make a series of formal and informal presentations in class.

COM 10800 - Mass Communications Seminar (0)

All mass communications and journalism majors are required to enroll in this course every fall and spring semester throughout their program of study, excluding the semester of internship. Attendance at a minimum number of meetings/events is required. This course is Pass/Fail. May be repeated.

Offered: Fall/Spring.

COM 10900 - Cinema Seminar (0)

All cinema majors are required to enroll in this course every fall and spring semester throughout their program of study. Meetings will include workshops, guest speakers, and production coordination. This course is Pass/Fail. May be repeated. Lab fee required.

Offered: Fall/Spring.

COM 11000 - Fundamentals of Oral Communication (3)

GE-Communication This course is an introduction of theories and techniques of non-written communication in business and society. Topics include the nature of human communication, listening skills, interpersonal communication, nonverbal communication, small group communication, and public speaking. Students will participate in communication activities, as well as research, organize and present formal speeches.

Offered: Fall/Spring.

COM 11500 - Sportscasting (3)

Students learn the skills and techniques of broadcasting sporting events. Emphasis is given to the roles of play-by-play announcers and analysts for radio and television. Instruction focuses on, but is not limited to football, basketball, baseball and hockey. The course teaches the

technical skills necessary to setup sports remotes and anticipating problems posed by various sports venues.

COM 12300 - Media Design Foundations (3)

A computer-based course designed to familiarize students with principles of design, color theory, typography, layout, usability, storyboarding, and other foundational aspects of interactive media and web design through a hands-on approach. Lab fee may be required.

COM 14000 - Introduction to Cinema Arts (3)

This course examines the various forms of cinematic expression and provides an overview of the different industries and careers in the field of visual storytelling. Students will study cinematic aesthetics, technique, and criticism.

Offered: Fall.

COM 15100 - Radio Production (3)

This course serves as an introduction to radio station operations, including an analysis of programs and audiences in American broadcasting. Students will have directed experiences in organization, writing, production, direction, and performance of basic radio programs.

Offered: Fall/Spring.

COM 15200 - Podcasting Production (3)

Students will learn the components of radio and podcast production including: interviewing, story development, script writing, interview techniques, remote recording and digital audio recording, editing of sound, mixing, and final production for broadcast. Students will critically analyze the components of radio/podcast features. In addition, the students will gain an understanding of the basic components of the physics of sound.

Offered: Fall/Spring/Summer.

COM 15400 - Video Production (3)

This course is an introduction to the artistic and technical skills required to bring professional production value to the creation of moving pictures with sound. The course focuses on field production and digital post-production. Key concepts include camera function, editing, sound recording and design, lighting, location and post-production problem solving, and basic style and aesthetics for screen storytelling. Lab fee required. No prerequisites.

Offered: Fall/Spring.

COM 22500 - Photojournalism (3)

This course focuses on the fundamental techniques and principles of photojournalism. Students integrate photography with editorial design to create a portfolio of visually-oriented and journalistically sound packages appropriate for print and Internet. The course will

emphasize news photography, typography, info-graphics and other compelling visual components. Lab fee required.

COM 23500 - Supervision of Student Publication (3)

This course is designed for education professionals who will learn successful solutions to the problems generally faced in supervision of newspapers, magazines, yearbooks, and other publications. Lab fee required.

COM 24200 - Basic Reporting (3)

This course is an analysis of the role of the reporter in communicating public intelligence. Laboratory work will stress basic news gathering, reporting and writing techniques.

Prerequisite: ENGL 15000 or EPP 15000. Offered: Fall/Spring.

COM 25600 - Television Production (3)

This course offers a laboratory environment used to develop planning, scripting, shooting, directing, editing, budgeting, and studio skills to produce a program for television or cable broadcast. Lab fee may be required.

Prerequisite: COM 15400. Offered: Fall/Spring.

COM 27700-27799 - Media Literacy Topics (3)

The constant evolution of technologically-driven culture demands flexibility in the study of media and its influence on that culture. This range of courses allows for these relevant changes by offering the opportunity to research and study contemporary issues in media literacy.

COM 28200 - Editing (3)

This classroom based course focuses on advanced editing skills required for employment in newspaper, magazine and electronic publications. Coursework will focus on the development of editing for grammar, punctuation, precision and Associated Press style.

Prerequisite: COM 24200.

COM 30000 - Multiplatform Reporting (3)

Reporting, writing, and editing will be practiced in this course including instruction in the latest digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms.

Prerequisite: COM 15400 and COM 24200.

COM 30101 - Applied Mass Communication-Radio (3)

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable for credit. Lab fee may be required.

Prerequisite: COM 15100. Offered: Fall/Spring.

COM 30102 - Applied Mass Communication-Video (3)

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee may be required.

Prerequisite: COM 25600. Offered: Fall/Spring.

COM 30103 - Applied Mass Communication-Public Relations (3)

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee may be required.

Prerequisite: COM 24200. Offered: Fall/Spring.

COM 30104 - Applied Mass Communication-Sports Information (3)

With staff assignments in campus-related media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee may be required.

Prerequisite: COM 24200.

COM 30111 - Applied Television News (3)

This experiential course features staff assignments in television news origination, preparation and production with a term involvement of 45-70 work hours. This course is designed to give students practical journalistic experience in the television news. Repeatable.

Prerequisite: COM 15400. Offered: Fall/Spring.

COM 30121 - Applied Mass Communication-Radio I (1)

With staff assignments in campus-related media with a term involvement of 45 work hours, this course is designed to give students practical experience in the media. Repeatable for credit. Lab fee required.

Prerequisite: COM 15100.

COM 30122 - Applied Mass Communication-Radio II (2)

With staff assignments in campus-related media with a term involvement of 90 work hours, this course is designed to give students practical experience in the media. Repeatable for credit. Lab fee required.

Prerequisite: COM 15100.

COM 30123 - Applied Mass Communication-Radio III (3)

With staff assignments in campus-related media with a term involvement of 135 work hours, this course is designed to give students practical experience in the media. Repeatable for credit. Lab fee required.

Prerequisite: COM 15100.

COM 30131 - Applied Mass Communication-Video I (1)

With staff assignments in campus-related media with a term involvement of 45 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required.

Prerequisite: COM 25600.

COM 30132 - Applied Mass Communication-Video II (2)

With staff assignments in campus-related media with a term involvement of 90 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required.

Prerequisite: COM 25600.

COM 30133 - Applied Mass Communication-Video III (3)

With staff assignments in campus-related media with a term involvement of 135 work hours, this course is designed to give students practical experience in the media. Repeatable. Lab fee required.

Prerequisite: COM 25600.

COM 30181 - News Lab I (1)

Reporting, writing, and editing will be practiced in this course including instruction in the latest digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Students will need to complete at least 45 work hours during the term, document their experience.

Prerequisite: COM 24200.

COM 30182 - News Lab II (2)

Reporting, writing, and editing will be practiced in this course including instruction in the latest digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Students will need to complete at least 90 work hours during the term, document their experience.

Prerequisite: COM 24200.

COM 30183 - News Lab III (3)

Reporting, writing, and editing will be practiced in this course including instruction in the latest digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Students will need to complete at least 135 work hours during the term, document their experience.

Prerequisite: COM 24200.

COM 30191 - Advanced News Lab I (1)

The course will provide experienced students with the opportunity to learn management aspects of journalism

including reporting, writing, and editing in traditional and contemporary digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Students will need to complete at least 45 work hours during the term, document their experience.

Prerequisite: COM 30181, COM 30182, or COM 30183.

COM 30192 - Advanced News Lab II (2)

The course will provide experienced students with the opportunity to learn management aspects of journalism including reporting, writing, and editing in traditional and contemporary digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Students will need to complete at least 90 work hours during the term, document their experience.

Prerequisite: COM 30181, COM 30182, or COM 30183.

COM 30193 - Advanced News Lab III (3)

The course will provide experienced students with the opportunity to learn management aspects of journalism including reporting, writing, and editing in traditional and contemporary digital news-gathering formats. Using content management systems, social media, and mobile applications, students gather and produce digital news content for various media platforms. Students will need to complete at least 135 work hours during the term, document their experience.

Prerequisite: COM 30181, COM 30182, or COM 30183.

COM 30210 - Career and Portfolio Seminar (3)

This practical course is designed to prepare students for their successful entry into various careers associated with mass communications, journalism, and advertising and public relations.

Prerequisite: Junior standing. Offered: Fall/Spring.

COM 30300 - Written Communication for Business (3)

The study and practice of effective business writing, topics in this class will include writing memoranda, letters, and reports as well as writing for various publics. Special focus will be on persuasive communication, international business communication, and writing style for corporate publications.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

COM 30400 - Broadcast Newswriting (3)

This lab course examines the preparation and presentation of newscasts and special news programs. Consideration of reporting, interviewing, documentaries, and special events.

Prerequisite: COM 24200; COM 15100 or COM 15400.

Offered: Fall/Spring.

COM 30600 - Advanced Reporting (3)

Students expand on basic journalistic skills through in-depth interviews, computer-assisted reporting, electronic newsgathering and other data-mining available to today's reporters. The course emphasizes informative stories written from fact-based reporting.

Prerequisite: COM 24200.

COM 30700 - Writing for Visual Media (3)

This course will cover various types of writing integral to the visual media industry, including commercials & public service announcements, documentary scripts, and film & television screenplays. Through a variety of writing assignments designed to follow the development process, the student will put into practice the basic building blocks of story structure to create compelling content – experience which can be applied to any communications discipline. The course will also emphasize accepted industry scripting and formatting standards for professional media-writing.

Prerequisite: ENGL 15000 or EPP 15000. Offered: Fall/Spring.

COM 30800 - Applied Journalism, Newspaper (1-3)

With staff assignments in campus-related print media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in newspaper journalism. This course is repeatable for different course topics. Coursework includes various assignments involving Newspaper operations.

Prerequisite: COM 24200.

COM 30900 - Applied Journalism, Internet (1-3)

With staff assignments in campus-related Internet media with a term involvement of 45-70 work hours, this course is designed to give students practical experience in internet journalism. This course is repeatable for different course topics. Coursework includes various assignments involving Internet operations.

Prerequisite: COM 24200.

COM 31200 - Newspaper Design (3)

Students will lay out and paginate newspaper pages, choose and edit photographs and other graphical elements, and write headlines. Theoretical and practical applications of newspaper and news publication design, including typography, graphics, graphics software, and electronic picture editing. Exercises in design for newspapers and news publications in both print and electronic formats.

Prerequisite: COM 24200.

COM 32700 - Media Literacy (3)

GE-Communication In this course, students will focus on the cognitive, emotional, moral, and aesthetic influences of the media. (Radio, Film, TV, Multimedia, and the Internet). Higher levels of media literacy can give students more options and control over their beliefs and behaviors.

Prerequisite: ENGL 17000 and sophomore standing.
Offered: Fall/Spring.

COM 33333 - News Videography (3)

With an emphasis on broadcast and digital news gathering, this course provides students with experiential learning opportunities to develop their video production skills. Students focus on audio, composition, lighting, sequencing, and nonlinear editing through the lens of journalism. Completed story projects may be featured on campus media outlets.

Prerequisite: COM 15400 and COM 24200. Corequisite: COM 30000 and COM 30400.

COM 34000 - Television Sports Production I (3)

An experiential study in the basic skills of sports television production and broadcasting from planning to post-production this course is offered in conjunction with LUTV coverage of Lindenwood Athletics, and the scheduled assigned work will be determined by the Lindenwood Athletic calendar.

Prerequisite: COM 14000; COM 15400. Offered: Fall/Spring.

COM 34300 - Television News Production (3)

An experiential study in the basic skills of television news production, this course combines theory and practice as students learn the essentials in writing, producing, directing, and performing. Coursework includes both in-studio and field production.

Prerequisite: COM 15400 and COM 24200. Offered: Fall/Spring.

COM 34600 - Television Fine Arts Production I (3)

This course is an experiential study in the basic skills of television fine arts production. Students are introduced to the unique issues involved in recording and televising artistic presentations from varied venues. Coursework will include producing television broadcasts of Lindenwood theatre and musical presentations.

Prerequisite: COM 14000; COM 15400.

COM 35100 - Audio for Fine Arts (3)

This course centers on sound design for non-broadcast majors. Students will develop skills in computer based audio editing using professional-level software and will learn techniques for using sound systems to maximize acoustics and enhance performance venues. Topics will include music editing for accompaniment and dance, sound editing for theatre, and the basic operation and uses of sound systems. Lab fee required.

COM 35200 - Advanced Audio Production (3)

Students carry out advanced assignments in audio production. Preparation, production, and evaluation of

various audio projects will require students to refine skills in analog and digital video production.

Prerequisite: COM 12300 or COM 15100. Offered: Fall/Spring.

COM 35300 - News Design and Editing (3)

This course will provide students with instruction in the editing of words and images for inclusion in print and online publications. Coursework will include instruction in basic design principles and the use of InDesign software. Instruction also will focus on the editing of content for proper grammar, spelling, punctuation and Associated Press style, as well as the ethical considerations journalists must make when producing content for a general audience.

Prerequisite: COM 24200.

COM 35400 - Producing for Film and Video (3)

This course trains students as producers and directors of visual media. Students will learn the maximize production value when shooting on location. Planning, scripting, budgeting, shooting, and editing skills will be developed and applied to the production of a professional quality video project. Lab fee may be required.

Prerequisite: COM 15400 and COM 30700. Offered: Fall/Spring.

COM 35700 - Editing for Film and Video (3)

This hands on computer course is designed to advance the student's editing skills using non-linear editing systems. Instruction will also include the integration of video, graphics, and audio imported from other multimedia production programs. Students will be instructed in the use of editing software and will be given class assignments that require practical application of theories and software. Lab fee required.

Prerequisite: COM 12300 or COM 14000; COM 15400. Offered: Fall/Spring.

COM 35900 - Short Film Production (3)

Students will develop and produce short fiction films. Working in groups, they will apply pre-production, production, and post-production skills to the creation of a polished piece of work. Each student will also be responsible for leading a group of peers in producing and directing an original short film. Lab Fee Required.

Prerequisite: COM 15400. Offered: Fall/Spring.

COM 36000 - Media Management (3)

This course is an examination of various media industry operations. Students will focus on management theories and practices, fundamentals in financial administration, and human resources. Emphasis includes understanding and use of media research, effective marketing strategies and costs, FCC rules and regulations, and broadcast engineering and ownership.

Prerequisite: ENGL 17000; COM 15100; COM 15400; junior standing. Offered: Fall/Spring.

COM 36110 - Cinematography (3)

This course will be an intensive study of the elements of cinematography: lighting, exposure, composition, optics, and camera handling. Through a variety of hands-on production assignments, students will gain firsthand experience in all facets of production while developing their own cinematic style.

Prerequisite: COM 15400. Offered: Fall/Spring/Summer.

COM 36550 - Sound for Film and Video (3)

This course will provide an advanced understanding of the purpose and function of sound mixing, and include the application of industry-standard sound recording techniques. Students will create multiple, professionally executed post-production sound mixes.

Prerequisite: COM 15400. Offered: Fall/Spring/Summer.

COM 37000 - History of World Cinema (3)

GE-Human Culture: Foreign Culture/Human Diversity

This course is a study of the historical perspective of film from the efforts of early American and European filmmakers through the works of contemporary artists around the world. Emphasis will be placed on the ART of film making, and its reflection of culture. Films would include works from Griffith, Eisenstein, Truffaut, Bergman, Kurosawa, and others. Open to all students.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

COM 37100-37199 - Topics in Production (1-3)

Students will learn and apply skills in a specific area of digital cinema, television, and motion media production. Course may be repeated for additional credit if taken under a different topic. Lab fee may be required.

Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

COM 37200-37299 - Topics in Post-Production (1-3)

Students will learn and apply skills in a specific area of digital cinema, television, and motion media post-production. Course may be repeated for additional credit if taken under a different topic. Lab fee may be required.

Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

COM 37300-37399 - Topics in Producing (1-3)

Students will learn and apply skills related to a specific aspect of producing and coordinating digital cinema, television, and motion media projects. Course may be repeated for additional credit if taken under a different topic. Lab fee may be required.

Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

COM 37400-37499 - Topics in Scriptwriting (1-3)

Students will learn and apply skills related to a specific type of scriptwriting for digital cinema, television and/or motion media. Course may be repeated for additional credit if taken under a different topic. Lab fee may be required.

Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

COM 37500-37599 - Topics in Media Studies (1-3)

Students will explore media theory and criticism as they relate to a chosen genre, era, or type of film, television, or other motion medium. Course may be repeated for additional credit if taken under a different topic. Lab fee may be required.

Prerequisite: ENGL 17000.

COM 37600 - Asian Cinema (3)

GE-Human Culture: Foreign Culture/Human Diversity

This course is a survey of historical and contemporary Asian films, particularly those of Japan, China, India, and Korea. Emphasis will be placed on the social/cultural significance of selected Asian motion pictures and their relationship to Western counterparts. The course will concentrate on the definitive works of major Asian film directors, including Kurosawa, Ozu, Tsui, Wong, and Woo.

Prerequisite: ENGL 17000.

COM 37700-37799 - Advanced Media Literacy Topics (3)

These courses offer innovative challenges in the study of media and its influence on technologically-driven culture and the influences of culture on media. Contemporary issues will be researched.

Prerequisite: Specific to the topic being offered; prerequisites are expected to vary.

COM 38200 - Feature Writing (3)

This course consists of analysis and practice of writing human interest stories and personality profiles for newspaper, magazine and online publication. Typically, such writing goes beyond news events and issues to capture unusual, trendy, often light topics about people and their activities.

Prerequisite: COM 24200.

COM 38300 - Television News Reporting (3)

Students will develop mastery of the television news package as the preeminent format of broadcast journalism. Students learn to plan, shoot, report, and edit news stories as reporter packages for use in traditional television newscasts.

Prerequisite: COM 15400 and COM 24200. Offered: Fall/Spring.

COM 40100 - Mass Communications Law (3)

Students investigate the study of laws which affect and regulate the mass media. This course includes a study of constitutional, statutory, and administrative laws.

Prerequisite: 12 credit hours in Communication (COM).
Offered: Fall/Spring.

COM 40600 - Investigative Reporting (3)

Mining databases and primary source material is central to investigative journalism, often considered a vital component of a free and democratic society. Students study a variety of investigative techniques while they plot out and complete their own investigations.

Prerequisite: COM 30600.

COM 41700 - Narrative Screenwriting (3)

This course will be an intensive study of narrative screenwriting including the exploration of story, character, structure, and format. In crafting a final script, the student will experience and examine each step of the writing process, from premise through development to treatment, first draft, and final submission. The course will also involve critical examination of acclaimed works from the writer's point-of-view to inform the student's own craft. Lab Fee Required.

Prerequisite: COM 14000; COM 15400; COM 30700.
Offered: Fall/Spring.

COM 45101 - Cinema Capstone I (3)

Students will produce professional-level projects appropriate to their individual areas of interest. Projects can include, but are not limited to, half-hour fiction films, documentaries, or TV spec scripts, or feature length screenplays. Lab fee may be required.

Prerequisite: COM 35400.

COM 45102 - Cinema Capstone II (3)

Students will produce professional-level projects appropriate to their individual areas of interest. Projects can include, but are not limited to, half-hour fiction films, documentaries, or TV spec scripts, or feature length screenplays. Lab fee may be required.

Prerequisite: COM 45101.

COM 46010 - Mass Communications Theory and Ethics (3)

A focused historical investigation of mass communication theories and ethical considerations, as they have evolved in response to developments in mass communication technology. Discussion will emphasize developments since the mid-19th Century. Theories will include political, sociological, and cultural models constructed to explain phenomena, both real and imagined, perceived to be characteristic of audiences' behavioral responses to increasingly rapid technological advances in, and consequent dependence on, mass communication media. Students will be expected to be able to distinguish among

theories, placing them in specific historical and social contexts. Assignments will include opportunities for students to demonstrate basic capabilities in secondary research.

Prerequisite: Senior standing. Offered: Fall/Spring.

COM 46600 - Journalism Capstone: Enterprise Reporting (3)

This capstone experience will be the synthesis of students' journalistic skills including interviewing, researching, writing, and utilizing multiple platforms to reach public audiences.

Prerequisite: Journalism minor or major and senior standing.

CSC - Computer Science**CSC 10011 - Introduction to Computer Science: Python (3)**

This course provides the student with a general orientation to computer science, including a basic understanding of the components of a computer and how they function. It will introduce the student to the process of program development and programming using the Python language. Not open to students with credit in CSC 10022.

Prerequisite: Placement into MTH 12100 or higher or pass a mathematics placement exam.

CSC 10022 - Introduction to Computer Science: Javascript (3)

This course provides the student with a general orientation to computer science, including a basic understanding of the components of a computer and how they function. It will introduce the student to the process of program development and programming using the Javascript language. Not open to students with credit in CSC 10011.

Prerequisite: Placement into MTH 12100 or higher or pass a mathematics placement exam. Offered: Fall/Spring.

CSC 14400 - Computer Science I (4)

This course is an introduction to problem solving using the JAVA programming language. Topics include algorithm and program development, syntax of JAVA, input/output statements, file I/O, assignment operations, conditional statements, iterative statements, functions, and array processing. Additional topics may be added if time permits.

Prerequisite: CSC 10011, CSC 10022, or DSCI 11000 with a C or better. Offered: Fall/Spring.

CSC 24400 - Computer Science II (4)

This course is a continuation of CSC 14400 using the C++ programming language. Topics include the basic C++ syntax for input/output, assignment statements, conditional statements iterative statements and functions. It will continue with single and multidimensional array

processing, character manipulation, elementary searching and sorting techniques, structures, classes, and pointers.

Prerequisite: CSC 14400 with a C or better. Offered: Fall/Spring.

CSC 25500 - Assembly Language Programming (3)

This course is an investigation of the logical basis of a particular computer from the programmer's viewpoint. Topics covered include machine representation of numbers and characters, instruction formats, machine operations and organization, and addressing techniques. Students will write programs using an Assembly Language.

Prerequisite: CSC 14400 with a C or better. Offered: Fall.

CSC 28500 - Applied Discrete Structures (3)

This course introduces several core Mathematical discrete structures and applies them to topics found in Computer Science. Mathematical topics covered include logic, Boolean algebra, sets, sequences, sums, asymptotic analysis, recurrence relations, and graph theory. These topics are applied to areas found in Computer Science such as digital logic, algorithm analysis, graph algorithms, automata, and formal languages.

Prerequisite: CSC 24400 and MTH 15100. Offered: Fall.

CSC 30500 - Principles of Database Systems (3)

This course is designed to give an overview of the major themes of database theory, design and manipulation. Concepts and techniques of structuring data, on secondary storage devices, file processing, and database organization will be introduced. The network and hierarchical models will be discussed, but attention will be paid to application of database systems, conceptual modeling, the relational data model, and relational algebra. Not open to students with credit or enrollment in MGMT 44040.

Prerequisite: CSC 24400 with a C or better. Offered: Fall.

CSC 34400 - GUI Application Design (3)

This course provides students with experience in Graphical User Interface (GUI) programming using programming languages such as JAVA and Visual Basic.

Prerequisite: CSC 24400 with a C or better. Offered: Fall.

CSC 35500 - Computer Systems I (4)

This course is an introduction to Computing Systems. Topics covered include Computer Organization, Numeric Representation, Assembly Language, Digital Logic, Hardware Component Design, Control Unit Design, Processes, and Memory Systems.

Prerequisite: CSC 24400. Offered: Fall.

CSC 36000 - Data Structures and Algorithms (3)

This course continues the study of data structures and algorithms begun in CSC 24400. It introduces the concepts of abstract data types and dynamic structures. Topics covered include stacks, queues, linked lists, and trees. Also

included are recursion, graphs, and hashing techniques. Various representations of data structures will be reviewed.

Prerequisite: CSC 24400 with a C or better. Offered: Spring.

CSC 40300 - Computer Architecture (3)

The course deals with the hardware software interface and includes topics in computer performance, computer organization and structure, machine language, computer arithmetic, assembly language, addressing techniques, program segmentation and linkage, the assembly and linking process, the fundamentals of digital logic, sequential processor design and performance, and the memory hierarchy.

Prerequisite: CSC 25500 with a C or better. Offered: Fall.

CSC 40500 - Computer Graphics (3)

This course serves as the first course in computer graphics. Topics include graphics systems and packages, output primitives and their attributes, two dimensional geometric transformations and viewing, structures and hierarchical modeling, graphical user interfaces, and interactive input methods. Additional topics may include three dimensional object representations, three dimensional geometric and modeling transformations, visible surface detection methods, illumination models and surface rendering methods, color models and applications, and computer animation. Lab fee required.

Prerequisite: CSC 24400 with a C or better.

CSC 40600 - Operating Systems (4)

This course covers the theory and practice of modern operating system design. Topics include processor scheduling and management, memory management techniques, virtual memory, file systems, I/O and secondary storage scheduling, deadlock, concurrency, and security issues. A team project involving the simulation of an OS process management will be required.

Prerequisite: CSC 25500 with a C or better. Offered: Spring.

CSC 40800 - Organization of Programming Languages (3)

This course is designed to give the student a deep, hands-on understanding of the essential concepts of programming languages. Techniques developed lead to the creation of scanners, parsers, and compilers. Lab fee required.

Prerequisite: CSC 36000 with a C or better.

CSC 40900-40999 - Topics in Computer Science (3)

This course explores selected emerging issues and topics in the field of computer science. Topics may include Software Engineering, Human Factors in Software Design, Computers and Society, Complexity Theory, Concurrent/Parallel programming, Artificial Intelligence, Expert Systems, Computer Simulations, and Operations Research. The course may be repeated one time for credit.

Prerequisite: CSC 36000; six credit hours of CSC courses numbered 30000-level or higher. Offered: Spring.

CSC 43000 - Senior Project (3)

This course is a capstone course for all majors in computer science and computer information systems.

Prerequisite: ENGL 17000 with a C or better; CSC 30500 or CSC 36000. Offered: Spring.

CSC 44700 - Project Management and Practice (3)

This course prepares the student for planning, scheduling, and controlling the activities during the system development life cycle. The focus of this course is the specific role of the project manager which will include time management, cost estimation, order of activities, and determination of the responsible parties involved in the process.

Prerequisite: ENGL 17000 with a C or better; CSC 30500. Offered: Spring.

CSC 45100 - Cooperative Education in Computer Science I (3)

This course gives students the opportunity to earn academic credit in a planned learning process that integrates academic training with supervised work experience. These courses will be taken on a pass/fail basis. Students receive no monetary compensation for their work.

Prerequisite: ENGL 17000 with a C or better; junior standing; overall GPA of 3.0; permission of the dean.

CSC 45111 - Internship (3)

This course gives students the opportunity to earn academic credit while at the same time receiving monetary compensation. Students will work in a planned learning environment that integrates academic training with supervised work experience. This course will be graded on a pass/fail basis.

Prerequisite: Junior standing; overall GPA of 3.0; permission of the dean.

CSC 45200 - Cooperative Education in Computer Science II (3)

This course gives students the opportunity to earn academic credit in a planned learning process that integrates academic training with supervised work experience. This course will be taken on a pass/fail basis. Students receive no monetary compensation for their work.

Prerequisite: CSC 45100; permission of the dean.

CSC 45211 - Internship (3)

This course gives students the opportunity to earn academic credit while at the same time receiving monetary compensation. Students will work in a planned learning environment that integrates academic training with supervised work experience. This course will be graded on a pass/fail basis.

Prerequisite: CSC 45111; permission of the dean.

CSC 45500 - Computer Systems II (4)

This course is a continuation of CSC 35500. Topics covered include Memory Management, Correction Codes, Processor Design, File Systems, Process Management, Systems Programming, Network Programming, and Computer Security.

Prerequisite: CSC 35500 and CSC 36000. Offered: Spring.

CSC 48000 - Telecommunications and Computer Networking (3)

The course offers the theoretical foundation necessary for understanding telecommunications and networking is the main focus of this course. Students will learn to define the components required for successful communications, identify various sending and receiving devices, understand the various topologies and communications technologies, and differentiate between a local area network and wide area network. Lab fee required.

Prerequisite: CSC 36000 with a C or better. Offered: Spring.

DAN - Dance

DAN 10010 - Ballet I: Beginning Level (2)

This is a beginning level course in the study of ballet technique, including alignment, balance, flexibility, strength, proper use of ballet movements, and use of ballet vocabulary/terminology. May be repeated for credit.

DAN 10011 - Ballet I: Intermediate Level (2)

This course is designed for the first year student with previous ballet training. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Fall/Spring.

DAN 10012 - Ballet I: Advanced Level (2)

This course is for the first year student who enters the program with extensive training in ballet. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Fall/Spring.

DAN 10020 - Contemporary I: Beginning Level (2)

This course is a beginning level practical study of contemporary dance techniques, forms, and styles. May be repeated for credit.

DAN 10021 - Contemporary I: Intermediate Level (2)

This course is designed for the first year student with previous training in contemporary/modern dance. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Fall/Spring.

DAN 10022 - Contemporary I: Advanced Level (2)

This course is for the first year student who enters the program with extensive training in contemporary/modern dance. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Fall/Spring.

DAN 10030 - Jazz I: Beginning Level (2)

This course is a beginning level practical study of jazz technique, including alignment, balance, flexibility, strength, proper execution of movements, and jazz vocabulary/terminology. May be repeated for credit.

Offered: Spring.

DAN 10031 - Jazz I: Intermediate Level (2)

This course is designed for the first year student with previous training in jazz dance. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Fall/Spring.

DAN 10032 - Jazz I: Advanced Level (2)

This course is for the first year student who enters the program with extensive training in jazz dance. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Fall/Spring.

DAN 10040 - Tap I: Beginning Level (2)

This course is a beginning level practical study of tap dance, including body alignment, balance, coordination, counting, improvisation, and musicality. May be repeated for credit.

Offered: Fall.

DAN 10041 - Tap I: Intermediate Level (2)

This course is designed for the first year student with previous training in tap dance. May be repeated for credit.

Offered: Fall.

DAN 10042 - Tap I: Advanced Level (2)

This course is for the first year student who enters the program with extensive training in tap dance. May be repeated for credit.

Prerequisite: Dance placement class. Offered: Spring.

DAN 10100 - Introduction to Dance (3)

GE-Human Culture: Arts This course is a beginning level movement course in dance techniques, body awareness, creativity, and cultural appreciation. Students are introduced to various styles and genres of dance including ballet, modern, contemporary, jazz, tap, hip hop, ballroom, social dance, and world dance forms, through the technique, history and social relevance of each style/genre.

Offered: Fall/Spring.

DAN 17000 - First Year Seminar in Dance (1)

This course is an orientation to the field of dance for dance majors, including opportunities within the department and

various dance companies and organizations. Lab fee may be required.

Offered: Fall.

DAN 17100 - Dance as an Art (3)

GE-Human Culture: Arts/Human Diversity This course is an introduction to dance styles, techniques, production elements, and the role of dance in culture. Previous dance experience is not required.

DAN 19000-19099 - Special Topics in Dance (1-3)

Special topics in dance. May be repeated as topics vary. Course fee may be required.

DAN 20011 - Ballet II: Intermediate Level (2)

This course is a continuation of DAN 10011. May be repeated for credit.

Prerequisite: DAN 10011 and placement class. Offered: Fall/Spring.

DAN 20012 - Ballet II: Advanced Level (2)

This course is a continuation of DAN 10012. May be repeated for credit.

Prerequisite: DAN 10012 and placement class. Offered: Fall/Spring.

DAN 20021 - Contemporary II: Intermediate Level (2)

This course is continuation of DAN 10021. May be repeated for credit.

Prerequisite: DAN 10021 and placement class. Offered: Fall/Spring.

DAN 20022 - Contemporary II: Advanced Level (2)

This course is a continuation of DAN 10022. May be repeated for credit.

Prerequisite: DAN 10022 and placement class. Offered: Fall/Spring.

DAN 20031 - Jazz II: Intermediate Level (2)

This course is a continuation of DAN 10031. May be repeated for credit.

Prerequisite: DAN 10031 and placement class. Offered: Fall/Spring.

DAN 20032 - Jazz II: Advanced Level (2)

This course is a continuation of DAN 10032. May be repeated for credit.

Prerequisite: DAN 10032 and placement class. Offered: Fall/Spring.

DAN 20041 - Tap II: Intermediate Level (2)

This course is a continuation of DAN 10041. May be repeated for credit.

Prerequisite: DAN 10041 and placement class. Offered: Fall/Spring.

DAN 20042 - Tap II: Advanced Level (2)

This course is a continuation of DAN 10042. May be repeated for credit.

Prerequisite: DAN 10042 and placement class. Offered: Spring.

DAN 20050 - Dance Theory and Composition I (2)

This course is an exploration of basic compositional theories of dance through mastery of improvisational movement techniques and choreography.

Prerequisite: Sophomore standing. Offered: Fall.

DAN 20055 - Dance Theory and Composition II (2)

This course is an extension of DAN 20050 with an emphasis on group dance.

Prerequisite: DAN 20050; MUS 11400 or MUS 11800. Offered: Spring.

DAN 23000 - Musical Theatre Dance (3)

This course is designed to prepare students for musical theatre dance auditions, including study of various styles, movements, and choreography used in professional musical theater productions.

Prerequisite: Two semesters of ballet technique and one semester of jazz technique. Offered: Spring.

DAN 26000 - Anatomy for Dancers (3)

This course is a study of anatomical principles as they apply to dance training and performance. Emphasis on optimal dance movement and the related principles for understanding the function of bones, joints, and muscles in movement, and the physiological systems that support these functions. By applying these principles, dancers can help reduce their risk of injury, enhance their performance longevity, and improve their own teaching of dance techniques.

Prerequisite: Sophomore standing. Offered: Fall.

DAN 27100 - Dance History (3)

This course is a study of historical concepts in dance, including European origins of classical ballet, Africanist contributions, and postmodern impulses with an emphasis on aesthetic, cultural, and political themes.

Prerequisite: DAN 17100. Offered: Spring.

DAN 27200 - Content and Standards for K-12 Dance Education (2)

This course introduces candidates seeking K-12 dance certification to learning outcomes for students in grades K-1, 2-3, 4-5, 6-8, and 9-12 through the design of instructional units that pair established standards with diverse and exemplary methods, materials, and repertoires.

Prerequisite: EDU 11100 and EDU 20200.

DAN 29000-29099 - Special Topics in Dance (1-3)

Special topics in dance. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of the dean.

DAN 30011 - Ballet III: Intermediate Level (2)

This course is a continuation of DAN 20011. May be repeated for credit.

Prerequisite: DAN 20011 and placement class. Offered: Fall/Spring.

DAN 30012 - Ballet III: Advanced Level (2)

This course is a continuation of DAN 20012. May be repeated for credit.

Prerequisite: DAN 20012 and placement class. Offered: Fall/Spring.

DAN 30021 - Contemporary III: Intermediate Level (2)

This course is a continuation of DAN 20021. May be repeated for credit.

Prerequisite: DAN 20021 and placement class. Offered: Fall/Spring.

DAN 30022 - Contemporary III: Advanced Level (2)

This course is a continuation of DAN 20022. May be repeated for credit.

Prerequisite: DAN 20022 and placement class. Offered: Fall/Spring.

DAN 30031 - Jazz III: Intermediate Level (2)

This course is a continuation of DAN 20031. May be repeated for credit.

Prerequisite: DAN 20031 and placement class. Offered: Fall/Spring.

DAN 30032 - Jazz III: Advanced Level (2)

This course is a continuation of DAN 20032. May be repeated for credit.

Prerequisite: DAN 20032 and placement class. Offered: Fall/Spring.

DAN 30041 - Tap III: Intermediate Level (2)

This course is a continuation of DAN 20041. May be repeated for credit.

Prerequisite: DAN 20041 and placement class. Offered: Fall/Spring.

DAN 30042 - Tap III: Advanced Level (2)

This course is a continuation of DAN 20042. May be repeated for credit.

Prerequisite: DAN 20042 and placement class. Offered: Spring.

DAN 30050 - Dance Theory and Composition III (2)

This course is an extension of DAN 20055 with added emphasis on compositional form and structure as well as

elements of music and other factors that affect the performance quality of dance choreography and performance.

Prerequisite: DAN 20055 with a C or better. Offered: Fall.

DAN 30055 - Dance Theory and Composition IV (2)

This course is an extension of DAN 30050 with special focus on advanced level composition and analysis specific to the individual student's professional career objectives.

Prerequisite: DAN 30050 with a C or better. Offered: Spring.

DAN 30300 - Dance Performance Practicum (1)

This practicum course is open to all students by permission, and requires participation in public dance performances. May be repeated for credit.

Prerequisite: Permission of the dean. Offered: Fall/Spring.

DAN 30350 - Dance Composition Practicum (1)

This practicum course is open to all students by permission, and requires public presentation of choreography. May be repeated for credit. Lab fee may be required.

Prerequisite: Permission of the dean.

DAN 36000 - Dance Kinesiology (3)

The purpose of this course is to facilitate the exploration of dance kinesiology through investigation of anatomical and biomechanical principles used to optimize performance. Lessons will be constructed to enhance the embodiment of scientific information (fact and theory) in order to better understand the dancing body, reduce injury, dispel myths, and enhance performance. With opportunities to increase efficiency of movement, self-analyze movement tendencies, and study choreography, students will gain practical information in which to continue exploring.

Prerequisite: DAN 26000. Offered: Spring.

DAN 37100 - Dance in the 21st Century (3)

GE-Human Culture: Arts/Human Diversity This course explores the history and role of dance in different cultures. Through video observations, readings, and class discussions, students will be exposed to the multicultural influences on dance in today's society. Previous dance experience is not required.

Prerequisite: ENGL 17000; DAN 10100 or DAN 17100. Offered: Spring.

DAN 37200 - Dance Pedagogy (3)

This course is a survey of principles and practices of teaching dance in schools and private studio settings.

Prerequisite: Permission of the dean. Offered: Fall.

DAN 37250 - Dance Studio Management (3)

An exploration of topics related to the principles of dance studio management. Topic may include studio location & facility considerations, marketing strategies, hiring

practices, staff training, employee client relations, and recital preparation/production including music selection and copyright issues, costume ordering and inventory, profitability, and recital services. Course fee may be required.

Offered: Spring.

DAN 37400 - Dance and Technology (3)

This course is designed to prepare students to enter the professional workforce through the study of software applications useful in the creation and enhancement of an electronic portfolio highlighting performance, choreography, and teaching abilities. Areas of study include sound score design, video editing, and graphics manipulation.

Prerequisite: MUS 11400 or MUS 11800. Offered: Spring.

DAN 37500 - University Dance Ensemble (1)

This course is open by audition only and focuses on choreography and performance, including public performances on campus and in various off-campus venues, workshops, and community outreach. May be repeated for credit.

Prerequisite: Audition. Offered: Fall/Spring.

DAN 39000-39099 - Special Topics in Dance (1-3)

Special topics in dance. May be repeated for credit as topics vary. Course fee may be required.

DAN 40012 - Ballet IV: Advanced Level (2)

This course is for the advanced ballet student and focuses on performance qualities and preparation for entrance into graduate dance programs and professional employment in the field. May be repeated for credit.

Prerequisite: DAN 30012 and placement class. Offered: Fall/Spring.

DAN 40022 - Contemporary IV: Advanced Level (2)

This course is for the advanced level contemporary dancer and focuses on preparation for entrance into graduate dance programs and professional employment in the field. May be repeated for credit.

Prerequisite: DAN 30022 and placement class. Offered: Fall/Spring.

DAN 40032 - Jazz IV: Advanced Level (2)

This course is for the advanced level jazz dancer and focuses on performance qualities in a variety of jazz styles. May be repeated for credit.

Prerequisite: DAN 30032 and placement class. Offered: Fall/Spring.

DAN 40042 - Tap IV: Advanced Level (2)

This course is for the advanced level tap dancer and focuses primarily on a variety of rhythm tap styles. May be repeated for credit.

Prerequisite: DAN 30042 and placement class. Offered: Spring.

DAN 42500 - Pointe Technique (2)

This course offers intermediate and advanced studies in pointe techniques and variations for students with special interest. May be repeated for credit.

Prerequisite: Permission of dean.

DAN 47000 - Senior Seminar in Dance (1)

This course serves as a preparatory course for DAN 47200 (capstone course for dance majors).

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

DAN 47100 - Dance Criticism (3)

This course is a study of the major theoretical and critical lines of thought that have shaped understanding of dance, its role in society, and its reception, use, and appreciation throughout history.

Prerequisite: Senior standing. Offered: Fall.

DAN 47200 - Senior Project (3)

Capstone course for dance majors that requires a culminating project in one of the following areas: choreography, performance, dance history, dance pedagogy, or an approved special topic. Lab fee may be required.

Prerequisite: DAN 47000. Offered: Spring.

DAN 47500 - Professional Internship in Dance (1-6)

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours.

Prerequisite: ENGL 17000 with a C or better; junior standing; permission of dean.

DAN 49000-49099 - Special Topics in Dance (1-3)

Special topics in dance. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of dean.

DCS - Digital Content Strategy

DCS 10000 - History of Contemporary Media Industries (3)

This course introduces the major shifts in established media industries from the twentieth to the twenty-first century. Students will examine the influence of technological innovation on these media industries, as well as how the line between audience and creator has blurred in the age of digital resources and user-created media. A detailed history of major media industries will be provided

and how they were forced to adapt to audience and technology.

DCS 18600-18699 - Special Topics (1-3)

Special topics in digital content strategy. May be repeated as topics vary. Course fee may be required.

DCS 20000 - Digital Content and Demographics (3)

This course will serve as an overview of the demographic analysis techniques and the quantifying of demographic data. Students will learn how to analyze trends in digital media from various areas such as social media, journalism, and memetic content. Through demographic analysis of major digital platforms students will learn to illustrate demographic concepts and apply that knowledge in their content creation.

Offered: Fall/Spring.

DCS 25000 - Digital Content Strategy Practicum I (3)

This course provides students with real-world experience in the design of digital content for regional entities. Students will work directly with clients in the development of websites, logos, print materials, interactive applications, and overall branding strategies. The practica are collaborative and cross-disciplinary, allowing students to work closely with others in design and advertising. These courses are sequential and will operate much like a design firm, as students collaborate on projects, present content to clients, research solutions to client requests, and revise work based on client feedback.

Prerequisite: COM 32700. Offered: Fall/Spring.

DCS 28600-28699 - Special Topics (1-3)

Special topics in digital content strategy. May be repeated as topics vary. Course fee may be required.

DCS 30000 - Media Literacy Theory (3)

An application of the major methodologies to interpreting media messages in the 21st century. Through content analysis of the cognitive, emotional, moral, and aesthetic influences of media, students will learn to consume media with a more trained eye. Students will then apply their findings through academic essays, videos, and presentations examining journalism, film, television, videogames, and social media.

Prerequisite: COM 32700. Offered: Fall/Spring.

DCS 35000 - Personal Branding and Content Creation (3)

Social media platforms have allowed people to craft their own personal brand as never before. Through platforms, users are able to become their own media company and can apply that experience to other brands. In this course, students will learn to create, promote, protect, maintain,

and monetize their own personal brand by utilizing major social media platforms. Students will learn to analyze audience data to construct trend predictions and ultimately, create better content.

Offered: Fall/Spring.

DCS 36000 - Information Literacy (3)

This course will examine the principles, practices, and critical thinking skills necessary to effectively evaluate and locate diverse information sources in a digital world. Students will learn how to effectively seek out and vet information from multiple sources as well as understand the forces that shape the flow of information. This course will cover contemporary topics, such as copyright in the digital age, the influence of algorithms and filter bubbles on the flow of information, and the impact of open source technology on established informational institutions.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

DCS 37000 - Digital Content Strategy Practicum II (3)

This course provides students with real-world experience in the design of digital content for regional entities. Students will work directly with clients in the development of websites, logos, print materials, interactive applications, and overall branding strategies. The practica are collaborative and cross-disciplinary, allowing students to work closely with others in design and advertising. These courses are sequential and will operate much like a design firm, as students collaborate on projects, present content to clients, research solutions to client requests, and revise work based on client feedback.

Prerequisite: DCS 25000. Offered: Fall/Spring.

DCS 38600-38699 - Special Topics (1-3)

Special topics in digital content strategy. May be repeated as topics vary. Course fee may be required.

DCS 38700 - Emerging Platforms and Analytics (3)

Emerging media platforms--including mobile, social, and digital--are more than distribution channels. They offer unique user experiences and opportunities for communicators to connect with an audience. Students will learn the data visualization software Tableau, which allows users to explore, analyze, and utilize databases. Using content creations strategies, trend analysis, and data analytics, students will learn how to understand their audience, and develop dynamic content for storytelling, user engagement, and brand management.

Prerequisite: MTH 14100 or MTH 14200.

*Updated after publishing - July addendum 07/01/2020***

DCS 40000 - Contemporary Audience Analysis (3)

This course will focus on methods of examination of audience behavior in an increasingly dominant digital media environment. Students will concentrate on the work

of scholars and media industry professionals who analyze the meaning of the social, cultural, and political dimensions of a digitally mediated world. Marketing and sociological concepts will also be applied in the analysis of audience behavior and how to quantify that data into meaningful media messages.

Offered: Fall/Spring.

DCS 45000 - Digital Content Strategy Practicum III (3)

This course provides students with real-world experience in the design of digital content for regional entities. Students will work directly with clients in the development of websites, logos, print materials, interactive applications, and overall branding strategies. The practica are collaborative and cross-disciplinary, allowing students to work closely with others in design and advertising. These courses are sequential and will operate much like a design firm, as students collaborate on projects, present content to clients, research solutions to client requests, and revise work based on client feedback.

Prerequisite: DCS 37000. Offered: Fall/Spring.

DCS 48000 - Digital Content Strategy Capstone (3)

Students will apply their skills to their own original digital content campaign. Students will independently seek out and pitch to a real-world client with the goal of executing a specific goal or campaign. By utilizing major platforms, students will craft a unique message through the creation of branded content. Students will set predictions of success prior to roll-out in a report which will be used at the end of the semester to assess the success of the campaign.

Prerequisite: Senior standing. Offered: Fall/Spring.

DCS 48600-48699 - Special Topics (1-3)

Special topics in digital content strategy. May be repeated as topics vary. Course fee may be required.

DSCI - Data Science

DSCI 11000 - Introduction to Data Science (3)

This course provides students with an introduction to computer programming with an emphasis on applications relevant to data science. Topics covered include arrays, loops, conditional statements, functions, reading data, data visualization, and data manipulation. Lab fee may be required.

Prerequisite: MTH 15100 with a C or better.

DSCI 30100 - Data Analysis with R (3)

This course serves as an introduction to data analysis using the statistical programming language R. Topics include importing and cleaning data, data visualization, data manipulation, text mining, geospatial data, network analysis, and tools for presenting data, including R markdown. Optional topics could include time series and

machine learning algorithms. Emphasis will be placed on the “tidyverse” suite of packages. Lab fee may be required.

Prerequisite: MTH 14100 or MTH 24100 with a C or better.

DSCI 35600 - Machine Learning (3)

This course will provide an introduction to the field of Machine Learning. Several machine learning algorithms will be discussed, including but not limited to: linear regression, logistic regression, linear discriminant analysis, naïve Bayes classifiers, support vector machines, K-nearest neighbors, K-means clustering, and tree-based models. This course will explore both theoretical and applied aspects of Machine Learning. Lab fee may be required.

Prerequisite: MTH 24100 and CSC 14400 with a C or better; CSC 24400 or DSCI 30100.

ECON - Economics

ECON 23010 - Survey of Economics (3)

GE-Social Science This course introduces basic economics concepts, relationships, and institutions. It provides a foundation for applying economics to individual decision-making and for critically analyzing aggregate economic behavior and policy. Topics covered include supply and demand, consumer choice, competition, monopoly, the labor market, government intervention, business cycles, fiscal policy, money and banks, monetary policy, and international trade. Please note, this course satisfies one social science general education requirement, but does not fulfill core or elective requirements for business majors. Lab fee may be required.

Offered: Fall/Spring.

ECON 23020 - Principles of Microeconomics (3)

GE-Social Science This course introduces students to economic concepts, relationships, and institutions related to individual and firm decision-making. Supply, demand, and opportunity cost are used to analyze the actions of individuals and firms in a market framework. Topics covered include marginal analysis, production possibilities, elasticity, household and consumer choice, firm production and costs, profit maximization, input markets, and market structures. This course must be taken by all business majors to fulfill one GE Social Science requirement (ECON 23010 may not be substituted), and a grade of C or better must be earned; any student majoring in a business discipline who does not earn a grade of C or better will be required to repeat the course and earn a minimum grade of C in order to continue in the business degree program. Lab fee may be required.

Prerequisite: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200 with a C or better. Offered: Fall/Spring.

ECON 23030 - Principles of Macroeconomics (3)

GE-Social Science This course introduces students to economic concepts, relationships, and institutions related to the aggregate economy. Keynesian and classical analysis is used to analyze the effect of fiscal and monetary policy actions on employment, output, and prices. Topics covered include business cycles, economic growth, unemployment, inflation, aggregate demand/supply, fiscal policy, monetary policy, and international trade. This course must be taken by all business majors as a part of the business core requirement (ECON 23010 may not be substituted.) Although not required, it is recommended that students complete ECON 23020 prior to taking ECON 23030. Lab fee may be required.

Prerequisite: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17500, MTH 24100, MTH 27100 or MTH 27200 with a C or better. Offered: Fall/Spring.

ECON 31200-31299 - Directed Studies in Economics (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

ECON 33020 - Managerial Economics (3)

This course explores the theory of firm decision-making in various market environments through an applications-based approach; economic theory is integrated with other business disciplines.

Prerequisite: ECON 23020, ECON 23030 and ENGL 17000 with a C or better. Offered: Spring.

ECON 33025 - Money and Banking (3)

This course extends macroeconomic policy analysis with emphasis on the role of financial markets, financial intermediaries, foreign exchange markets, and the Federal Reserve.

Prerequisite: ECON 23030 and ENGL 17000 with a C or better. Offered: Fall.

ECON 33037 - Current Economic and Social Policy (3)

This course applies basic principles of microeconomics to analyze current economic and social issues and policies. Topics covered include taxes, rent controls, the minimum wage, discrimination, immigration, education, healthcare, agriculture, social welfare, the environment, and international trade.

Prerequisite: ECON 23010 or ECON 23020; ENGL 17000 with a C or better.

ECON 33040 - Intermediate Microeconomics (3)

This course examines and expands on the concepts introduced in ECON 23020 and introduces additional tools of economic analysis. Topics covered include partial

equilibrium analysis using supply and demand, utility maximization, elasticity, welfare economics, and the behavior of competitive firms. The course also introduces theories of market failures such as monopoly, externalities, and public goods.

Prerequisite: ECON 23020 and ENGL 17000 with a C or better. Offered: Fall.

ECON 33045 - Intermediate Macroeconomics (3)

This course examines and explores theories and models introduced in ECON 23030 to deepen student understanding of the factors influencing the macroeconomy. Fiscal and monetary policies are also analyzed in greater depth. Various schools of economic thought-Classical, Keynesian, and Monetarist-are compared and contrasted. Material is presented in the context of recent U.S. economic events.

Prerequisite: ECON 23030 and ENGL 17000 with a C or better. Offered: Spring.

ECON 33051 - U.S. Economic History (3)

This course uses economic theory and quantitative techniques to demonstrate the connections between key events in U.S. history and today's political, social, and economic issues. The relationships between changes in laws, government policies, and other institutions and current economic, social, and political events are elevated and dissected. The key sources of U.S. economic growth and prosperity over the last 200-plus years are identified, examined, and investigated. Analytical tools and data are specifically employed to investigate the intended and unintended consequences of innovation, changes in private property rights, amendments to the United States Constitution, the events leading to and following the Civil War, the not-so-roaring 20s, government activism during the Great Depression, the War on Poverty, globalization, and the Great Recession.

Prerequisite: ECON 23020 and ECON 23030.

ECON 33055 - Economics and the Environment (3)

This course introduces students to the economics of environmental and natural resource problems. Topics covered include externalities, public goods, property rights, the economics of pollution control and global climate change, the principles of cost-benefit analysis, and the economics of renewable and non-renewable resources.

Prerequisite: ECON 23020 and ENGL 17000 with a C or better. Offered: Spring.

ECON 33060 - History of Economic Thought (3)

This course examines the development of economic theory from the Mercantilists to the present. It focuses on the major trends in the evolution of economic theory and tools. Possible roles of existing economic and social conditions and developments in other fields are examined.

Prerequisite: ECON 23020; ECON 23030; ENGL 17000 with a C or better.

ECON 33065 - Seminar in Economic Federalism (3)

This course familiarizes students with historical shifts in the American tradition in light of current issues. Concepts may include the law of unintended consequences, decentralism, the role of civil society, and others. Students will apply the concepts to current social issues. Note that course has one classroom meeting per week and a weekend-long conference in April.

Prerequisite: ECON 23010 or ECON 23020 and ENGL 17000 with a C or better. Offered: Spring.

ECON 39000-39999 - Special Topics in Economics (1-3)

ECON 41200-41299 - Directed Studies in Economics (1-6)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of dean of the Plaster School of Business & Entrepreneurship.

ECON 43010 - Labor Economics (3)

Analysis of labor markets and differences in wage rates and incomes. Topics include returns to education and training, labor unions, unemployment, anti-poverty programs, and other government policies influencing the labor market.

Prerequisite: ECON 33040; MGMT 36033 with a C or better.

ECON 43020 - Public Economics (3)

A rigorous treatment of the economics of the public sector. Emphasis will be placed on government expenditure and taxation. Possible topics include tax incidence, optimal taxation, dynamic analysis of fiscal policy, public goods, externalities, and public choice theory.

Prerequisite: ECON 33040; MGMT 36033 with a C or better.

ECON 43030 - Urban and Regional Economics (3)

Economic functions of cities; economic interrelationships between urban core and greater metropolitan area. Problems of location, land use, industrial and population distribution, race, housing, transportation.

Prerequisite: ECON 33040; MGMT 36033 with a C or better.

ECON 43040 - International Economics (3)

This course focuses on the causes and composition of international trade, policies used to control or promote trade, the balance of payments, and foreign exchange markets and institutions. Lab fee may be required.

Prerequisite: ECON 23020 and ENGL 17000 with a C or better. Offered: Fall.

*Added after publishing - July addendum 07/01/2020***

ECON 43078 - Econometrics (3)

This course introduces students to various statistical methods used to estimate and test economic models. The theory and application of multivariate linear regression analysis is covered. Students will learn the basics of econometrics software and will conduct regression analysis using real data sets. Lab fee may be required.

Prerequisite: ECON 33040 or ECON 33045 with a C or better; ENGL 17000 and MGMT 36033 with a C or better. Offered: Spring.

ECON 43095 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of dean; junior standing; 2.5 cumulative GPA; 3.0 program of study GPA.

ECON 49000-49999 - Special Topics in Economics (1-3)

EDI - Education: Technology and Engineering (St Louis Community College-Florissant Valley)

EDI 10000 - Engineering Drawing (SLCC-FV) (3)

SLCC-FV course number EGR 100. Please see the SLCC catalog and published offering for additional information.

EDI 10100 - Welding Technology (SLCC-FV) (3)

SLCC-FV course number ME 101. Please see the SLCC catalog and published offering for additional information.

EDI 10400 - Electronic Drafting (SLCC-FV) (2)

SLCC-FV course number EGR 104. Please see the SLCC catalog and published offering for additional information.

EDI 10600 - IBM Personal Computer Installation and Repair (SLCC-FV) (1)

SLCC-FV course number EE 106. Please see the SLCC catalog and published offering for additional information.

EDI 10800 - Construction Methods (SLCC-FV) (3)

SLCC-FV course number CE 108. Please see the SLCC catalog and published offering for additional information.

EDI 10900 - Personal Computer Configuration (SLCC-FV) (1)

SLCC-FV course number EE 109. Please see the SLCC catalog and published offering for additional information.

EDI 11000 - Technical Electric Circuits I (SLCC-FV) (4)

SLCC-FV course number EE 110. Please see the SLCC catalog and published offering for additional information.

EDI 11100 - Technical Electric Circuits II (SLCC-FV) (4)

SLCC-FV course number EE 111. Please see the SLCC catalog and published offering for additional information.

EDI 11600 - Construction Blueprint Reading (SLCC-FV) (3)

SLCC-FV course number CE 116. Please see the SLCC catalog and published offering for additional information.

EDI 12101 - Principles of Engineering (SLCC-FV) (3)

SLCC-FV course number GE 121. Please see the SLCC catalog and published offering for additional information.

EDI 12102 - Fundamentals of Digital Electronics (SLCC-FV) (3)

SLCC-FV course number EE 121. Please see the SLCC catalog and published offering for additional information.

EDI 12103 - Computer Integrated Manufacturing (SLCC-FV) (3)

SLCC-FV course number ME 121. Please see the SLCC catalog and published offering for additional information.

EDI 12200 - Engineering Design and Development (SLCC-FV) (3)

SLCC-FV course number GE 122. Please see the SLCC catalog and published offering for additional information.

EDI 13000 - Electric Circuits I (SLCC-FV) (4)

SLCC-FV course number EE 130. Please see the SLCC catalog and published offering for additional information.

EDI 13100 - Electric Circuits II (SLCC-FV) (4)
SLCC-FV course number EE 131. Please see the SLCC catalog and published offering for additional information.

EDI 13101 - Computer Art Studio (SLCC-FV) (3)
SLCC-FV course number ART 131. Please see the SLCC catalog and published offering for additional information.

EDI 13200 - Electronic Devices (SLCC-FV) (5)
SLCC-FV course number EE 132. Please see the SLCC catalog and published offering for additional information.

EDI 13300 - Introduction to AutoCAD I (SLCC-FV) (2)
SLCC-FV course number EGR 133. Please see the SLCC catalog and published offering for additional information.

EDI 13301 - Graphic Design I (SLCC-FV) (3)
SLCC-FV course number ART 133. Please see the SLCC catalog and published offering for additional information.

EDI 13900 - 3-D AutoCAD with Autoshade (SLCC-FV) (2)
SLCC-FV course number EGR 139. Please see the SLCC catalog and published offering for additional information.

EDI 14000 - Computer Aided Drafting and Design I (SLCC-FV) (3)
SLCC-FV course number EGR 140. Please see the SLCC catalog and published offering for additional information.

EDI 14001 - Introduction to Robotics (SLCC-FV) (3)
SLCC-FV course number ME 140. Please see the SLCC catalog and published offering for additional information.

EDI 14100 - Introduction to AutoCAD II (SLCC-FV) (2)
SLCC-FV course number EGR 14100. Please see the SLCC catalog and published offering for additional information.

EDI 14500 - Computer Solids Modeling (SLCC-FV) (2)
SLCC-FV course number EGR 145. Please see the SLCC catalog and published offering for additional information.

EDI 14700 - Introduction to Engineering Design (SLCC-FV) (3)
SLCC-FV course number EGR 147. Please see the SLCC catalog and published offering for additional information.

EDI 14800 - Solid Modeling with Unigraphics (SLCC-FV) (2)
SLCC-FV course number EGR 148. Please see the SLCC catalog and published offering for additional information.

EDI 15100 - Manufacturing Processes I (SLCC-FV) (3)
SLCC-FV course number ME 151. Please see the SLCC catalog and published offering for additional information.

EDI 15200 - Manufacturing Processes II (SLCC-FV) (3)
SLCC-FV course number ME 152. Please see the SLCC catalog and published offering for additional information.

EDI 16500 - Photography I (SLCC-FV) (3)
SLCC-FV course number ART 165. Please see the SLCC catalog and published offering for additional information.

EDI 22300 - Basic Hydraulics I (SLCC-FV) (2)
SLCC-FV course number ME 223. Please see the SLCC catalog and published offering for additional information.

EDI 23000 - Introduction to 3-D Solid Modeling for Design (SLCC-FV) (4)
SLCC-FV course number ME 130. Please see the SLCC catalog and published offering for additional information.

EDI 24100 - Numerical Control Programming (SLCC-FV) (3)
SLCC-FV course number ME 241. Please see the SLCC catalog and published offering for additional information.

EDI 24101 - Transmission and Distribution of Power (SLCC-FV) (3)
SLCC-FV course number EE 241. Please see the SLCC catalog and published offering for additional information.

EDI 24900 - Materials and Metallurgy (SLCC-FV) (3)
SLCC-FV course number ME 249. Please see the SLCC catalog and published offering for additional information.

EDI 25500 - Advanced Computer Aided Drafting (SLCC-FV) (3)

SLCC-FV course number EGR 255. Please see the SLCC catalog and published offering for additional information.

EDI 25501 - Fluid Power (SLCC-FV) (3)

SLCC-FV course number ME 255. Please see the SLCC catalog and published offering for additional information.

EDI 25600 - Solid Modeling with CATIA (SLCC-FV) (2)

SLCC-FV course number EGR 256. Please see the SLCC catalog and published offering for additional information.

EDI 30100 - Construction Materials and Methods (SLCC-FV) (3)

SLCC-FV course number CE 115. Please see the SLCC catalog and published offering for additional information.

EDS-Education-Special-Education**EDS 30200 - Behavior Management (3)**

This course is designed to increase student knowledge and repertoire of ethical, effective, and efficient behavioral management techniques and programs that can be used with children and youth in general and special education, home, and community settings. Research-based conceptual models that have made and continue to make significant contributions to our knowledge of learning and behavior are reviewed and analyzed through an integrative framework. Completion of observation hours in an educational setting and application of behavior management strategies are required for this course.

Prerequisite: EDU 21501; EDU 34100. Offered: Fall/Spring.

EDS 31610 - Speech and Language Development, Acquisition, and Intervention (3)

This course is designed to increase student knowledge regarding the identification of typical and atypical language development and acquisition for young children and elementary students, particularly in the areas of morphology, syntax, and semantics. Students will follow research-based and evidence-based theoretical models as they develop a hypothetical Tier 2 intervention plan and activities to enhance or support language skills.

Prerequisite: EDU 21501; EDU 34100. Offered: Fall/Spring/Summer.

EDS 31800 - Introduction to Teaching Children with Disabilities in Cross-Categorical Settings (3)

This course allows the student to examine the theories, classification system, characteristics, historical data, and related resources affecting students from the elementary through secondary levels with learning disabilities, behavior disorders, intellectual disability, and physical impairments who are placed in cross-categorical settings. Leading to teaching certification for mild and moderate disabilities K-12, service delivery models of collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized in this course. This course is required for certification.

Prerequisite: EDU 21501; EDU 34100. Offered: Fall.

EDS 32600 - Methods of Teaching Children with Disabilities in Cross-Categorical Settings (3)

This course includes a 30-hour practicum experience and is designed for undergraduates with no paid teaching experience. Methods and materials needed in teaching students from the elementary through secondary levels in cross categorical settings are studied. Both commercial and teacher developed materials are examined. Introduction to basic research in the field of mild and moderate disabilities, as well as methodology of the development of academic related areas, perceptual, cognitive, pre-vocational, and social skills are emphasized. This class will lead to teaching certification for mild and moderate disabilities K- 12. Service delivery models of collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized. This course is required for certification.

Prerequisite: EDU 21501; EDS 31800. Offered: Spring.

EDS 33000 - Introduction and Methods of Teaching Children with Disabilities in Cross-Categorical Settings (4)

This course allows the student to examine the theories, classification system, characteristics, historical data, and related resources affecting diverse learners placed in cross-categorical settings. The student will examine the impact that disabilities have on the cognitive, physical, emotional, social, and communication development of an individual and examine how students differ in their approaches to learning. Methods and materials needed in adapting instruction and supporting special needs learners in general and special education programs are studied. Service delivery models including Response to Intervention (RtI), collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized in this course. Both commercial and teacher developed materials are examined. This course will meet the new Illinois certification requirement for veteran and new teachers as a special education course.

Prerequisite: EDU 21501; EDU 32200; EDU 34100.

EDS 33300 - Speech and Language Development for the Exceptional Learner (3)

This course is designed to increase student knowledge of the characteristics of human language and how such knowledge facilitates a clearer understanding of the young special education learner. Theoretical schemes of language acquisition, the child's stages in acquisition of morphology and syntax, sound, and semantics are an integral part of the course.

Prerequisite: EDU 21501; EDU 32200; EDU 34100.
Offered: Spring.

EDS 33700 - Special Education Counseling (3)

This course combines the traditional psychology of counseling with special consideration of the problems experienced by exceptional children, their families, and their teachers.

Prerequisite: EDU 21501; EDU 32200; EDU 34100.
Offered: Fall/Spring.

EDS 34000 - Career Development (3)

This course emphasizes current theories and vocational development. Interest testing and aptitude testing significantly related to vocational development and their application to occupational training are included.

Prerequisite: EDU 21501; EDU 32200; EDU 34100.
Offered: Fall/Spring.

EDS 35000 - Practicum for Teaching Children with Disabilities in Cross-Categorical Settings (1-3)

This course is required concurrently for students enrolled in EDS 33000 or the semester following. Working with a special education teacher in a mild/moderate cross categorical setting, the student will apply the principles, techniques, strategies, and methods taught in EDS 33000. Practicum students are responsible for observing and working with special education students throughout the semester under the supervision of a certificated special education teacher. Development of an Individual Education Program (IEP), lesson plans, and progress reports are required. This class will lead to teaching certification for mild and moderate disabilities K 12. Service delivery models of collaborative teaching, consultative services, itinerant teaching, and resource support services are emphasized. The practicum courses should be taken after other coursework. Only one three-hour practicum course may be taken at the same time.

Prerequisite: EDU 21501; EDU 32200; EDU 34100.

EDS 35700 - Remediation in Elementary Math (3)

This course focuses on (1) the teacher's knowledge of mathematical principles and remedial techniques fundamental to arithmetic and the psychological aspects of arithmetic learning; (2) the teacher's competency in the use of concrete materials embodying mathematical principles and structures; (3) the teacher's sensitivity and willingness to adapt instruction to experiential needs of students.

Prerequisite: EDU 21501; EDU 31200; EDU 32100 or EDU 32200. Offered: Spring.

EDU - Education**EDU 10000 - Orientation to Educational Experiences (3)**

Students will examine the roles and responsibilities of teachers, including educational law and ethical codes. This course is designed to allow the student interested in education to investigate current issues, trends, educational reforms and legal issues in education. Historical, philosophical, theoretical, governance and financing perspectives will also be analyzed. Students will understand the spectrum of diversity in the context of schools and present to the class on a variety of educational topics. This course is the prerequisite for EDU 11100 School Observation. In order to prepare students for EDU 11100 when a classroom observation is required, a Criminal Record Check is required for a nominal fee for EDU 11100. Students will also pay a site license fee for their portfolio.

Offered: Fall/Spring.

EDU 11100 - School Observation (1)

This course provides the education student with observation experience in the school setting. Students will be required to document 30 hours and 30 entries in a reflection journal. A criminal record check is required for a nominal fee for EDU 11100.

Prerequisite: EDU 10000. Offered: Fall/Spring.

EDU 11110 - Orientation to Educational Experiences with Field Experiences (3)

Students will examine the roles and responsibilities of teachers, including educational law and ethical codes. This course is designed to allow the student interested in education to investigate current issues, trends, educational reforms and legal issues in education. Historical, philosophical, theoretical, governance and financing perspectives will also be analyzed. Students will understand the spectrum of diversity in the context of schools and present to the class on a variety of educational topics. A 30-hour early level field experience is required. A nominal fee is required for requesting a background check. Students will also pay a site license fee for their portfolio.

Offered: Fall/Spring/Summer.

EDU 20200 - Psychology of Teaching and Learning (3)

This course requires exploration in current topics of interest in relation to the study and application of learning theories to contemporary educational issues. Physical, cognitive, and emotional development of the young child through adolescence are also investigated. Students will learn theory, models, and current research in developmental and educational psychology.

EDU 21501 - Teacher Education Seminar I (1)

This course orients students to the requirements of the teacher education program and field experiences. Students will be required to purchase Foliotek, an electronic portfolio system, if they have not already done so. Passing scores on the Missouri General Education Assessment (MoGEA) or ACT, a minimum of nine EDU/EDS coursework credits, an oral communications course (three credit hours), and a minimum GPA are required for acceptance into the teacher education program. Students must be accepted into the teacher education program to pass this course. If students do not pass this course, they will not be allowed to enroll in many upper level education courses. This course is graded on a Pass/Fail basis.

Prerequisite: EDU 10000 and EDU 11100 or EDU 11110.

Offered: Fall/Spring.

EDU 23100 - Elementary Music Methods (2)

This course provides a general preparation for the teacher in the elementary classroom. A study of the principles, procedures, and objectives of school music is included.

Offered: Fall/Spring.

EDU 23300 - Elementary Art Methods (2)

This course is designed either for the elementary classroom teacher or for the Art teacher in the elementary school. Studio work and lecture on creative expression and techniques is included. Lab fee required.

Offered: Fall/Spring.

EDU 24600 - Children's Literature (3)

This course is a study of the history and development of literature suitable for elementary school students. Evaluation of current literature material is included. This course will also examine research on the effectiveness of a literature based integrated curriculum for diverse populations and the materials and methods used in developing and implementing such a curriculum. A variety of literature elements and genres will be explored as well as a variety of approaches to a literature-based program including drama, reader's theatre and program components for creating literature-based lessons, literature and the guided reading program, organizing materials and instruction, thematic approaches and assessment.

Offered: Fall/Spring.

EDU 24700 - Adolescent Literature (3)

The student will explore the history and development of literature suitable for middle level and secondary education evaluation of current literature material is included.

Offered: Fall/Spring.

EDU 27400 - Physical Education in Elementary Schools (2)

This course covers organizational and instructional aspects of planning a sequential K-8 program of physical education, emphasizing fundamental motor skill development, rhythms, games, and sports.

EDU 27600 - Methods of Integrating Art, Music, and Movement in Elementary Education (3)

This course is designed to provide individuals entering the teaching profession with the competencies to teach and integrate art, music, and movement as related to physical education and the performing arts. Additionally, this course will review principles behind integration in relation to the instruction of elementary students from ethnically, culturally, racially, and linguistically diverse backgrounds, who are of different genders, from various socioeconomic levels, and with differing handicapping conditions. Lesson planning, effective teaching techniques, classroom management skills, and evaluation for instructional outcomes will be studied in a unified and thematic approach to curriculum development in art, music, and movement. Lab fee required.

Offered: Fall/Spring.

EDU 27700 - Know Yourself, Know Your World: Education in the Global Community (3)**GE-Human Culture: Foreign Culture/Human Diversity**

What does education look like across the globe? In this course, students will study and compare the educational systems of other nations and the influence of social issues such as technology, war, poverty, discrimination, etc. The class will discuss and evaluate current news stories from a variety of media related to course content. In addition, students will reflect on their own background and schooling while learning theories and key debates related to globalization, diversity, immigration, and other related concepts.

Prerequisite: ENGL 17000.

EDU 29800-29899 - Special Topics in Education (1-3)

These courses allow the education major or minor the opportunity to develop individualized learning experiences or select from courses already being offered. Courses are subject to dean approval. Lab fee may be required.

EDU 30500 - Elementary Reading Methods (3)

In this course, the student will participate in a comprehensive study of the skills required for reading in the content area and reading development, such as phonetic awareness, comprehension, vocabulary, and fluency. A variety of reading methodologies, materials, and evaluation items are presented and used with readers in the school system. This course includes a ten-hour practicum.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring.

EDU 30505 - Methods of Teaching Reading, Writing, and Oral Communication (3)

This course is designed to provide prospective teachers with a comprehensive study of the skills required for the development of reading, writing, and oral communication. Students will be presented with a foundational knowledge of communication theory and language development including phonemic awareness, word recognition and perception, vocabulary, comprehension, and fluency. This course meets the new certification requirement for all current and future Illinois educators.

Prerequisite: EDU 20200; EDU 21501.

EDU 30600 - Elementary School Language Arts Methods (3)

This course involves a comprehensive study of listening, speaking, reading, writing, thinking, viewing and visually representing communication arts skills as these skills are integrated into the contemporary language and reading program. Various methods and materials are explored.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring.

EDU 30705 - Methods of Teaching Reading in the Content Areas (3)

This course is designed to provide prospective teachers with a comprehensive study of the skills required for reading development, teaching of reading strategies, diagnosing reading difficulties, assessing and improving reading and study skills in the content area. Students will learn to apply reading concepts, theories, and techniques to content area material by developing model lesson plans and materials. This course is approved to meet the new certification requirement for current and future Illinois educators.

Prerequisite: EDU 20200; EDU 21501.

EDU 30710 - Content Literacy for Diverse Learners (3)

This course is the second required literacy class designed for middle school, high school, and K-12 content area teachers. Students will learn to apply methods of instructional interventions for adolescents with reading deficits. Students will also focus on addressing content-specific needs of English Language Learners.

Prerequisite: EDU 38700.

EDU 30900 - Analysis and Correction of Reading Difficulties (3)

This course is designed to teach students the diagnostic/prescriptive process necessary to deal with readers at various developmental levels in the classroom. Students learn to use and analyze a variety of informal and standardized diagnostic reading tests appropriate for individual and group diagnosis. Students also learn to use

commercial and teacher-made materials in conjunction with basal readers to provide appropriate instruction. Students are expected to work with a problem reader during the course. Offered every semester. This course is to be taken concurrently with or prior to EDU 30999 to meet early childhood, early childhood special education, and elementary education degree program requirements.

Prerequisite: EDU 21501; EDU 30500. Offered: Fall/Spring.

EDU 30910 - Instructional Strategies, Techniques and Analysis of Literacy with Practicum (3)

This course is designed to teach teacher candidates the diagnostic/prescriptive process necessary to deal with readers at various developmental levels in the classroom. Candidates learn to use and analyze a variety of informal and standardized diagnostic reading tests appropriate for individual and group diagnosis. Candidates also learn to use commercial and teacher-made materials in conjunction with basal readers to provide appropriate instruction. This course provides the Candidate with clinical experiences in the use of diagnostic instruments and procedures for identifying types of reading difficulties. The candidate will complete his/her practicum in an elementary school setting or in a summer reading camp program taught and supervised by a Lindenwood professor. The student will be expected to administer, score, and interpret basic tests and to write case study reports. This course includes a 45 hour practicum. Only one practicum course may be taken in a semester.

Prerequisite: EDU 21501; EDU 30500. Offered: Fall/Spring/Summer.

EDU 30999 - Practicum: Analysis and Correction of Reading Difficulties (2)

This course is required for students working towards completion of an early childhood, early childhood special education, or elementary education program. This course provides the student with clinical experiences in the use of diagnostic instruments and procedures for identifying types of reading difficulties. The student will complete his/her practicum in an elementary school setting or in a summer reading camp program taught and supervised by a Lindenwood professor. The student will be expected to administer, score, and interpret basic tests and to write case study reports. This course is taken concurrently with EDU 30900. *Note: Only one practicum course may be taken in a semester.*

Prerequisite: EDU 21501; EDU 30500. Offered: Fall/Spring.

EDU 31200 - Elementary School Mathematics Methods (3)

This course provides a survey of approaches in the teaching of mathematics for the student preparing to teach in elementary schools.

Prerequisite: EDU 21501; EDU 32200; two MTH courses MTH 14800 or higher. Offered: Fall/Spring.

EDU 31300 - Elementary School Social Studies Methods (3)

This course includes the theoretical and practical aspects of the early childhood and elementary social studies curriculum. Methodology, techniques, strategies, and materials appropriate to the area are investigated. Students are expected to plan and develop a variety of social studies instruction formats and content including community helpers, civics and government, multicultural awareness, and economics at the state level. Lab fee required.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring.

EDU 31310 - Instructional Design in Math, Science and Social Studies (3)

This course is designed to explore various methods, materials, strategies and lesson designs used in early childhood and elementary programs for teaching content areas of Math, Social Studies and Science. Students will investigate inquiry lesson designs relevant to teaching content areas and conduct one or more experimental investigations outside of class. Students will use Missouri Learning Standards for Mathematics, Social Studies and Science, as well as, NCTM standards, National Curriculum for Social Studies (NCSS) with themes including culture, change, geography and the environment, local and state civics and government, economics, STEM relationships and tools for social science inquiry, and global awareness and interdependence in this course. Lab fee may be required.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring/Summer.

EDU 31400 - Utilizing Family and Community Resources (3)

This course examines community resources and methods of incorporating effective and active communication between home, school and community. Students will explore current resources, as well as incorporate digital components to strengthen a young child's living and learning environments.

Prerequisite: EDU 20200; EDU 21501; EDU 34100. Offered: Fall.

EDU 31600 - Language Acquisition and Development for Young Children (3)

This course includes a study of the nature of language, the normal sequence of language development, an introduction to the theories of language acquisition, and monitoring instruction of linguistically and culturally diverse students in a variety of English Language teaching contexts. This course will highlight the following: how the young child's environment and culture influence their language development, how early childhood educators develop

strategies and developmentally appropriate activities for stimulating language growth, how early childhood educators can effectively identify typical and atypical language acquisition development.

Prerequisite: EDU 20200; EDU 21501; EDU 34100. Offered: Fall.

EDU 31700 - Introduction to Early Childhood/Early Childhood Special Education (3)

This course includes a study of basic early childhood environmental principles, which are designed to meet the needs of the developing child. Cognitive, physical, social, emotional, and creative development are investigated and observed in the early childhood setting. Curriculum and materials appropriate for early education are emphasized, as well as planning and executing activities for the young child. Growth, development, and special needs of preschool children with disabilities are discussed, including developmentally appropriate practices, assessment, material, and curriculum adaptation necessary when working with this population. A 30-hour practicum is embedded in this course and includes 15 hours in an infant/toddler classroom and 15 hours in a preschool to third grade classroom.

Prerequisite: EDU 20200; EDU 21501; EDU 34100. Offered: Fall/Spring.

EDU 31900 - Elementary School Science Methods (3)

This course is designed to explore various methods, materials, strategies, and processes used in early childhood and elementary, science programs. Students are expected to plan, develop, and teach several science lessons using a variety of science instruction formats. Lab fee required.

Prerequisite: EDU 21501; EDU 32200; any BIO/BSC course with GE-natural science w/lab designation. Offered: Fall/Spring.

EDU 32000 - History and Philosophy of Education (3)

This course is a comprehensive study of the historical structure and philosophy of American education, its roots in the past, its relationship to other present educational systems and its possible future directions.

EDU 32100 - Middle/High School Classroom Teaching and Technology (3)

This course will enable students to examine the specific techniques and procedures for effective teaching at the secondary level. Students will examine what is required to design logical, engaging, and rigorous lessons that meet the needs of all learners. This course will promote collaboration and consultation with colleagues to explore several approaches for planning lessons including the direct teaching model. Students will apply Blooms Taxonomy as related to lesson plan objectives and assessments in planned lessons. The technology examined will review and/or introduce the application of

instructional technologies, including but not limited to Microsoft Office, Smart Board, and smart phone and tablet applications.

Prerequisite: EDU 11100; EDU 20200; EDU 34100.
Offered: Fall/Spring.

EDU 32200 - Elementary Classroom Teaching and Technology (3)

This course will allow students to examine the specific techniques and procedures for effective teaching at the elementary level. Students will examine what is required to design logical, engaging, and rigorous lessons that meet the needs of all learners. This course will promote collaboration and consultation with colleagues to explore several approaches for planning lessons including the direct teaching model. Students will apply Blooms Taxonomy as related to lesson plan objectives and assessments in planned lessons. The technology examined will review and/or introduce the application of instructional technologies, including but not limited to Microsoft Office, Smart Board, and smart phone and tablet applications.

Prerequisite: EDU 11100; EDU 20200; EDU 34100.
Offered: Fall/Spring.

EDU 32300 - Methods of Teaching Elementary School Music (3)

This course is a study of the various approaches to music education in the elementary schools. For music education majors.

Offered: Fall.

EDU 32315 - Methods of Elementary Physical Education (3)

This course is designed to prepare the elementary physical education teacher in the methodologies associated with teaching physical education to the elementary school child. Students will apply the tenets of human growth and development, motor learning, physiology of exercise, self-concept, and personal development to the physical education of elementary students (Grades K-4). The course covers basic skills, gymnastics/tumbling, rhythms, relays, games of low organization and body awareness and mechanics. Includes a practicum placement in an elementary school.

Offered: Fall/Spring.

EDU 32320 - Methods of Intermediate Physical Education (3)

This course is designed to provide a study in the techniques for instruction in motor skills, basic game skills, posture and body mechanics, games of low organization, body awareness, and introduce/institute the concepts of fair play and team work to the intermediate school student (Grades 5-9). The course includes a practicum placement in an intermediate school setting.

Offered: Fall/Spring.

EDU 32400 - Assessment of Intellectual Skills (3)

This course teaches students about the use of non-projective, educationally relevant tests, including theories of measurement, test construction, test administration, and the use of assessment results. Students will review administration of one of the more commonly used methods of assessment, either the SB-V or WISC-V. Students will be provided with opportunities (online or in class) to view assessments and demonstrations of the commonly used assessments in schools today. Students will also be introduced to ethical considerations, confidentiality, and the impact of diversity in testing. The role of testing in special programs, including gifted identification and the Response to Intervention (RtI) model will also be discussed. Lab fee required.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring.

EDU 32500 - Perceptual Motor Development (3)

This course examines the complex relationship between sensory perception and the development of gross and fine motor skills. The student will analyze, evaluate, and apply the research in this field, the methods and tools of assessment, materials and activities used to enhance and/or remediate the development of perceptual-motor skills.

Prerequisite: EDU 32200 or PE 15000. Offered: Fall/Spring.

EDU 32700 - Early Childhood Cognitive Curriculum Concepts (3)

This course will provide the student with techniques, methods and materials used in the curriculum areas of science and social studies for the young child (ages 3-8). Students will review relevant child development issues, learn the rationale for teaching these curriculum areas, and the importance of integrating them into the entire curriculum. Development and implementation of lesson plans are a part of this course.

Prerequisite: EDU 21501; EDU 32200. Offered: Spring.

EDU 32900 - Creative Curriculum Materials for Early Childhood/Early Childhood Special Education Programs (3)

This course is designed to familiarize students with innovative curricula and materials which support art, music and movement in developmentally appropriate early childhood and early childhood special education programs. Students will construct and evaluate their own curriculum and materials. Techniques for integrating best practices throughout the curriculum and implementing adaptations for children with special needs is emphasized.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall.

EDU 33000 - Secondary Methods of Teaching Science (3)

This course examines a variety of methods of teaching Science in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Science instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33100 - Secondary Methods of Teaching Mathematics (3)

This course examines a variety of methods of teaching Mathematics in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Mathematics instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33200 - Secondary Methods of Teaching Modern Languages (3)

This course examines a variety of methods of teaching Modern Languages in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Modern Languages instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33300 - Secondary Methods of Teaching Art (3)

This course examines a variety of methods of teaching art in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Art instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum. Lab fee required.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33400 - Secondary Methods of Teaching English (3)

This course examines a variety of methods of teaching English in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to English instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33500 - Secondary Methods of Teaching Social Studies (3)

This course examines a variety of methods of teaching Social Sciences in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Social Sciences instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33600 - Secondary Methods of Teaching Business Education (3)

This course examines a variety of methods of teaching Business Education in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Business Education instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33700 - Secondary Methods of Teaching Speech and Theatre (3)

This course examines a variety of methods of teaching Speech and Theatre in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Speech and Theatre instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 33800 - Secondary Methods of Teaching Music (3)

This course examines a variety of methods of teaching Music in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Music instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 34000 - Secondary Methods of Teaching Physical Education (3)

This course examines a variety of methods of teaching Physical Education in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Physical Education instruction. Students will also

develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 34300. Offered: Fall/Spring.

EDU 34100 - Education of the Exceptional Child (3)

This course allows the student to develop an understanding of the unique characteristics, strengths, and challenges of exceptional children. An overview of the historical and legal aspects in the field of special education are presented, as well as current trends, issues, and best practices for educating children with exceptionalities in contemporary settings. Students will understand the competencies necessary to effectively teach, communicate, and live with individuals who have exceptionalities in educational and natural environments. This course will focus on the social and emotional implications of the "exceptional" label to individuals, their families, and society as a whole.

Offered: Fall/Spring.

EDU 34210 - Secondary Methods in Health Education (3)

This course examines a variety of methods of teaching Health Education in middle schools and high schools, including inquiry, cooperative learning, differentiation, and interdisciplinary, etc. as well as specific strategies unique to Health Education instruction. Students will also develop a Unit Plan of instruction. This course requires a 20-hour practicum.

Prerequisite: EDU 21501; EDU 32100. Offered: Spring.

EDU 34300 - Middle/High School Differentiation and Classroom Management (3)

This course will enable the student to examine the specific demands required for differentiated instruction in the diverse middle school and high school classroom settings. The student will examine the roles of each instructor including consulting and collaborating for cooperative teaching situations. This student will also explore the demands and techniques of classroom management. Students will create lesson plans that use technology to enhance student learning. Legal and ethical issues that control the use of technology in the classroom will be investigated. Taken concurrently with EDU 38000.

Prerequisite: EDU 21501; EDU 32100. Corequisite: Concurrent with EDU 38000. Offered: Fall/Spring.

EDU 34310 - Middle/High School Differentiation and Classroom Management with Field Experiences (3)

This course will enable the student to examine the specific demands required for differentiated instruction in the diverse middle school and high school classroom settings. The student will examine the roles of teachers including consulting and collaborating for cooperative teaching situations. The student will also explore the demands and techniques of classroom management. Students will create lesson plans that use technology to enhance student

learning. Legal and ethical issues that control the use of technology in the classroom will be investigated. This course requires a 45-hour mid-level field experience.

Prerequisite: EDU 21501; EDU 32100. Offered: Fall/Spring/Summer.

EDU 34400 - Elementary School Differentiation and Classroom Management (3)

This course will enable the student to examine the specific demands required for differentiated instruction in the diverse elementary school classroom settings. The student will examine the roles of each instructor including consulting and collaborating for cooperative teaching situations. This student will also explore the demands and techniques of classroom management. Students will create lesson plans that use technology to enhance student learning. Legal and ethical issues that control the use of technology in the classroom will be investigated. Taken concurrently with EDU 38000.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring.

EDU 34410 - Elementary School Differentiation and Classroom Management with Field Experiences (3)

This course will enable the student to examine the specific demands required for differentiated instruction in the diverse elementary school classroom settings. The student will examine the roles of teachers including consulting and collaborating for cooperative teaching situations. This student will also explore the demands and techniques of classroom management. Students will create lesson plans that use technology to enhance student learning. Legal and ethical issues that control the use of technology in the classroom will be investigated. This course requires a 45-hour mid-level field experience.

Prerequisite: EDU 21501; EDU 32200. Offered: Fall/Spring/Summer.

EDU 34500 - Childhood Health, Nutrition and Safety (3)

This course focuses on health, nutritional requirements, safety precautions, first aid techniques, and emergency procedures of the young child.

Offered: Fall/Spring.

EDU 34510 - Pre K-8 Health, Physical Education, and the Arts (3)

This course provides an overview of health, physical education, nutritional requirements, safety precautions, first aid techniques and emergency procedures of the young child to ensure the health and well-being of each child in a classroom setting. This course also explores design methods and competencies for teaching music, movement, and art. This course will review principles of instruction to accommodate students from diverse backgrounds and different abilities and/or exceptionalities. Lesson planning, effective teaching techniques, classroom

management skills, and evaluation for instructional outcomes will be studied in a unified and thematic approach to curriculum development. Lab fee required.

Offered: Fall/Spring/Summer.

EDU 35100 - Early Childhood Screening, Diagnosing and Prescribing Instruction (3)

This course examines developmentally appropriate methods in screening and assessing the development of young children. Students will develop skills to interpret and share assessment results with families and initiate the referral process. Students will learn methods and strategies of effective communication to ensure curriculum accommodations for the best interest of a young child's development. Methods and materials for prescribing instruction are utilized.

Prerequisite: EDU 21501; EDU 31700; EDU 32200.

Offered: Fall/Spring.

EDU 35900 - Multicultural Education (3)

This course is designed to promote an understanding of the importance of multicultural education in a pluralistic society. Students develop awareness of their own cultural heritage and attitudes, obtain information about various minority cultures, and analyze the school as a product of the cultural heritage and attitudes.

Prerequisite: EDU 10000.

EDU 36500 - Coordination of Cooperative Education (3)

This course is for current or aspiring high school Business and Marketing teachers. It is designed to prepare the teacher candidate to plan, organize, deliver, supervise and evaluate a variety of community-based opportunities within Cooperative work experiences (work-program). Teacher candidates will leave this course with the knowledge of state and national requirements, documents and contacts needed to supervise and manage an effective vocational work program.

Prerequisite: EDU 21501. Offered: Fall/Spring.

EDU 36700 - Curriculum for Marketing Education (3)

This course develops within the student an understanding of the methods of teaching and assessing student learning in a cooperative education setting.

Prerequisite: EDU 21501. Offered: Spring.

EDU 37300 - Implementing Vocational Business Education Programs (3)

This course fulfills the necessary requirements for DESE to become vocationally certified for Business teachers. After successful completion of this course, students will be qualified for Business Vocational Education Certification. This class covers the procedures to begin, expand, and continue Vocational Business classes within a school, including the process of conducting a Vocational Business Education class within the middle and high school setting.

Extensive use of computer technology, including the Internet, will be required for research and completion of projects.

Prerequisite: EDU 21501.

EDU 38000 - Pre-Student Teaching Practicum (1)

This course is designed to offer the education student experience in elementary and secondary schools or other educational environments. Evaluations are conducted by the university consultant and the host teacher. Students must enroll for one hour of practicum (EDU 38000) as a co-requisite with EDU 34300 or EDU 34400.

Prerequisite: EDU 21501; EDU 32100 or EDU 32200.

Offered: Fall/Spring.

EDU 38110 - LindenTeach Internship (3)

This course was designed to supplement the teaching experience in regional partner districts. Teacher candidates will engage in supervised, professional field experiences and will utilize reflective practices to improve their teaching. The course will support the development of the professional knowledge, skills and disposition of the teacher candidate. This course consists of observation, individual conferences, and supervised teaching in an early childhood, elementary middle and/or secondary school setting while enrolled in a LindenTeach seminar course. The course provides candidates with the opportunity to experience the role of a substitute-teacher in a real school setting. Teacher candidates must meet all of the requirements as listed in the application, and must be accepted into the LindenTeach program in order to take this course. The teacher candidate is responsible for arranging and paying the expense of transportation to and from the assigned school for this experience. Teacher candidates must also participate in a pre-teaching experience prior to the official start of the university semester for this program. Please see School of Education website for complete information on the LindenTeach application process. This course is repeatable for credit for a maximum of six credit hours.

Prerequisite: EDU 21501. Offered: Fall/Spring.

EDU 38500 - Middle School Philosophy/Organization (3)

This course examines the unique philosophy and structure associated with the middle school organization. Special characteristics of program content and design are included.

Prerequisite: EDU 20200; EDU 21501. Offered: Fall/Spring.

EDU 38600 - Middle School Curriculum/Instruction (3)

This course investigates current trends in instructional programs found in typical middle schools. Attention is given to the unique learning needs of adolescents, and how schools can address those needs. Offered every semester.

Prerequisite: EDU 20200; EDU 21501.

EDU 38700 - Reading/Writing across Curriculum (3)

This course addresses the process of making reading and writing educational activities relevant to adolescents by crossing subject matter lines. Emphasis is placed on integrating basic skills into all subject area instruction.

Prerequisite: EDU 10000 and EDU 11100, or EDU 11110.
Offered: Fall/Spring.

EDU 38800 - Middle School Psychology (3)

This course will provide an understanding of and appreciation for the characteristics of the middle school adolescent. Physical, emotional, social, and intellectual development will be studied as they relate to the middle school child's education.

Offered: Fall/Spring.

EDU 38910 - Middle School Philosophy, Curriculum, and Instruction (4)

This course introduces students to the philosophy, organization, and curriculum of middle schools. Students will explore the many aspects of effectively educating diverse middle school students, focusing especially on positive teacher-student relationships. Students will also learn instructional strategies and programs best suited for middle school students. Students will identify and examine societal influences and their effects on the middle school setting. This course requires a 20-hour practicum to be completed in a middle school setting. During the practicum, the teacher candidate is required to teach at least one direct-instruction lesson in the middle school setting.

Prerequisite: EDU 21501; EDU 32100. Offered: Fall/Spring.

EDU 39800-39899 - Special Topics in Education (1-3)

These courses allow the education major or minor the opportunity to develop individualized learning experiences or select from courses already being offered. Courses are subject to dean approval. Lab fee may be required.

EDU 40400 - Advanced Measurement and Evaluation to Enhance Learning (3)

The student will experience practical approaches to ensure that classroom assessment is fair and effective. Curriculum mapping and alignment to standards are explored. Students will develop an understanding of the basic mathematics of measurement, item analysis, test score interpretation, test development, performance assessments, standardized testing, portfolios, grading procedures self-assessment, assessment of diverse student populations, and biases in educational assessment. Student reflection will facilitate an appreciation for the characteristics of an assessment-literate educator. Using data driven decision-making, students will analyze authentic student data and apply research-based strategies to create a plan for instruction to impact student learning. This course is a writing intensity

course for the Department of Teacher Education. EDU 40400 is a prerequisite for EDU 41000.

Prerequisite: EDU 21501; EDU 34300 or EDU 34400.
Offered: Fall/Spring.

EDU 41000 - Student Teaching (12)

This course consists of observation, individual conferences, and supervised teaching in an early childhood setting, elementary middle and/or secondary school and a weekly student-teaching seminar. This course is designed to be the culminating experience in a student's teacher preparation program; thus, students should have completed all of the courses necessary for the degree and certification prior to this course. The student is responsible for arranging and paying the expense of transportation to and from the assigned school. Students seeking K-12 certification must teach at both the elementary and secondary levels. Students must submit complete student teaching applications through FolioTek on time in order to be successful during student teaching. Complete student teaching applications, including passing assessments and all other requirements are due July 1 for guaranteed fall placement and November 1 for spring placement. Incomplete applications will not be accepted or processed for student teaching placement. Students must successfully complete the Missouri Content Assessment prior to a student teaching placement being sought. Please see School of Education website for complete information on student teaching application process. A student teaching lab fee is required. Course enrollment must be approved by the Council of Teacher Education.

Prerequisite: EDU 21501; EDU 38000; EDU 40400.
Offered: Fall/Spring.

EGR - Engineering**EGR 25100 - Computer Aided Design (CAD) (3)**

This course is an introduction to computer-aided design using AutoCAD.

Prerequisite: CSC 10011 or CSC 10022 with a C or better or MGMT 24000. Offered: Spring.

EGR 33500 - Engineering Mechanics-Statics and Dynamics (4)

This course includes statics of particles and rigid bodies, equivalent systems of forces, distributed forces and centroids. Applications considered include trusses, frames, beams, and cables. Other topics include; kinematics of particles, work-energy, and impulse-momentum. The course also treats friction, moments of inertia and principles of virtual work.

Prerequisite: MTH 27100 and PHY 30100 with a C or better. Offered: Spring.

EGR 36100 - Circuit Theory I (4)

This course treats circuit basics, Kirchoff's laws, independent and dependent sources, circuit simplification

techniques, Thevenin and Norton theorems, node voltage and current-mesh techniques, operational amplifiers, and RL, RC and RLC circuits and sinusoidal steady state analysis. Lab fee required.

Prerequisite: MTH 27200 and PHY 30100 with a C or better. Offered: Fall.

EGR 36200 - Circuit Theory II-AC Circuits (4)

This course treats sinusoidal steady-state power calculations, three-phase circuits, Laplace transforms, filters, Fourier series and transforms, and two port circuits. Lab fee required.

Prerequisite: EGR 36100.

ENGL - English

ENGL 11000 - Effective Writing (3)

This course prepares students for ENGL 15000. A variety of approaches, including writing prompts, journals, essays, peer/instructor review, and sentence diagramming will be employed to focus on strengthening competence and confidence in writing ability. Smaller sessions will facilitate intensive individual attention to foster writing strengths while successfully addressing areas for improvement in the following areas: sentence-level writing competency, drafting process, basic essay format, and good writing habits. Students will be placed in ENGL 11000 based upon an assessment of their writing skills. In order to advance to ENGL 15000, students must earn a C or above in ENGL 11000 or EPP 11000.

Offered: Fall/Spring.

ENGL 15000 - Composition I (3)

GE-Communication Students will learn to write in a variety of modes such as description, analysis, exemplification, comparison, and reflection. Students will navigate various rhetorical situations in order to gain extensive practice in the writing process. Students must earn a C or better in ENGL 15000 or EPP 15000 to advance to ENGL 17000.

Prerequisite: ENGL 11000/EPP 11000 with a C or better, other equivalencies, or recommended placement into ENGL 15000. Offered: Fall/Spring.

ENGL 17000 - Composition II (3)

GE-Communication Students will learn to conduct, track, and cite research; analyze persuasive writing; and compose research-based, academic arguments. The course prepares students for the rigors of academic writing in various disciplines. Students must earn a C or better in ENGL 17000 to graduate.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Offered: Fall/Spring.

ENGL 20000-20099 - Introduction to Literature (3)

GE-Human Culture: Literature What is literature? This course is an introduction to the reading and analysis of literature; the semester's work will involve extensive reading across time and genre. This course is intended to give you a sense of the range of literary genres; to practice modes of literary criticism; and to gain more experience in writing effective and insightful analyses of poems, short stories, and plays. How do we find meaning in literature? How does the structure of a poem or story inform its content? What are the ways in which speech and thought are represented? It may go without saying, but it is a course objective that you take pleasure in your reading; these texts have been chosen to both challenge and delight you.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. English majors may take this class concurrently with ENGL 15000 with the permission of the instructor.

ENGL 20100 - World Literature: Masterpieces of the Premodern World (3)

GE-Human Culture: Literature/Human Diversity What were the stories that shaped civilization? In this course, we will survey some of the most powerful stories from around the world—stories that gave expression to the realities and dreams of the civilizations which produced them, and in so doing, guided the evolution of those civilizations, and of the civilizations which followed them. We will read some of the oldest surviving texts of the ancient world, and we will follow the development of literature and global civilization down to roughly 1600 CE—the dawn of the modern world. As we read each text, we will consider how it sheds light on the character and thought of the particular culture that produced it, as well as on the transcultural themes that link together our shared humanity.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Offered: Fall/Spring.

ENGL 20101 - World Literature: Masterpieces of the Modern World (3)

GE-Human Culture: Literature/Human Diversity What is modernity? What distinguishes it from the centuries upon centuries of premodernity that preceded it? And how do we remain sensitive to distinctions of national and cultural identity in the modern world's global civilization? We will seek answers to these questions through our reading of some of the most influential stories produced in cultures from around the globe since the beginnings of modernity in roughly 1600 CE down to the present day. As we read each text, we will consider how it sheds light on the character and thought of the particular culture that produced it, as well as on the transcultural themes that link together our shared humanity.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20103 - World Literature: Do We Need Another Hero? (3)

GE-Human Culture: Literature/Human Diversity In the soundtrack for the 1985 post-apocalyptic movie *Mad Max Beyond Thunderdome*, Tina Turner's hit song claimed that "we don't need another hero," because there has to be "something better out there." For centuries, different cultures around the world have told stories about heroic characters. Typical heroes go on quests, overcome obstacles, stand up to oppression, and even sacrifice themselves to save others. In this class, we will read and discuss plays, novels, poems, and stories from around the world to figure out what makes a hero and whether, as Tina Turner claimed, we don't need heroes to find meaning and goodness in the world. We will pay particular attention to unconventional or unexpected heroes as we discuss and create our own definitions of heroism.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20104 - World Literature: Rebels and Robots, Technology and Freedom (3)

GE-Human Culture: Literature/Human Diversity You might have heard this before: the road to hell is paved but to get to heaven, you'll have to walk. In this course, you will read great literature from around the world about the pros and cons of modern progress. You will read enthusiasts who celebrate humanity's drive to explore the limits of our capabilities. You will also read pessimists who ask, "If we hand our freedom over to our gadgets or over to our governments, what will we have left?" The deepest questions of modern life show up in texts like Milton's *Paradise Lost*, Shelley's *Frankenstein*, and Roberto Bolaño's *By Night in Chile*. In its utopian visionaries and its nightmares out of Kafka, this course will introduce you to writers writing about all your possible futures.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20105 - World Literature: The Medieval World (3)

GE-Human Culture: Literature/Human Diversity The "Middle Ages"—the historical period spanning from the fall of the Roman Empire through the fifteenth century—easily captivates our imaginations. In this course, you will examine various aspects of the medieval world by exploring topics such as education, politics, religion, medicine, food and foodways, forms of travel, scientific and magical practices, literacy, memory, folk traditions, courtly traditions, and philosophical beliefs by reading representative texts from around the medieval world.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20106 - World Literature: Faith, War, Travel, Memory, Love (3)

GE-Human Culture: Literature/Human Diversity In this course we focus on five themes that appear commonly in human civilization and the literatures it produces across societies, times, and geographic regions: faith, war, journeying and traveling, memory and commemoration, and love. This course is designed specifically to offer you the opportunity to consider the differences between and also, and perhaps more importantly, the fundamental similarities among people of various races, ethnicities, and cultures around the world. This class is especially helpful to students interested in global, diverse, intercultural relations and contexts, and students who intend to go into international careers such as business, law, and teaching will find it especially helpful in giving them a foundational understanding of how historical texts provide the foundation for modern cultural and socio-political realities.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20107 - World Literature: Heroes in Crisis (3)

GE-Human Culture: Literature/Human Diversity Have you ever asked yourself these questions: Why am I here? What is the meaning of my life? Do I really have any satisfactory choices? Why don't my parents, siblings, or friends understand and support me? Have I been the son, daughter, sibling, or spouse I should be? In this course, you will explore the crisis Prince Hamlet wrestles with as well as that of the affluent yet desperately unhappy Norwegian woman Hedda Gabler, examine why Kafka would create a doting son and brother who transforms into a huge bug, meet the both tragic and comic men and women stumbling head on into the cataclysmic 1917 Russian Revolution, and encounter American slave Frederick Douglass's success story of actualization and freedom against all odds. These experiences and more await you!

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20108 - World Literature: Text Messages from Beyond the Grave (3)

GE-Human Culture: Literature/Human Diversity Have you ever seen or heard a ghost? Have you ever wondered what those who have gone before us might have to say? If so, we've got you covered! Put away the electromagnetic field detectors, thermal imaging cameras, spirit boxes, and Ouija boards. You won't need a medium either. The dead have conveniently left their text messages behind for our consideration. Wouldn't you like to know what they have to say, before we join them in the great beyond? You'll hear from murdered King Hamlet's ghost, various persons impossibly returned from the dead in Voltaire's *Candide*, the Devil himself in Goethe's *Faust*, a man burning in Hell in Rimbaud's "Night of Hell," and what remains of Gregor Samsa's humanity after he's been "changed into a

monstrous cockroach” in Kafka’s *The Metamorphosis*. This course is not for the squeamish!

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20109 - World Literature: Madness, Magic, and Enlightenment (3)

GE-Human Culture: Literature/Human Diversity What does Zen philosophy have to do with Shakespeare’s *Hamlet*? How do Japanese haiku poems relate to European classics? And what is the connection between a madman’s diary from China and magic-filled stories from Latin American authors? In this literature course, you will explore the many ways philosophies, religious ideals, and cultural values from around the globe intersect and inform each other.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20500 - British Literature: Fact, Fiction, and Everything In-Between (3)

GE-Human Culture: Literature Dragons, fairies, demons, gods and goddesses, a talking Holy Cross, and zombies—these are some of the strange and marvelous things that you will encounter in this course, along with the usual kings, knights, and ladies. We will examine literature from the full range of the British Isles, including the Irish, Scottish, Welsh, and Anglo-Norman cultures, stretching from the Old English epic *Beowulf* through Thomas Grey’s 1750 “Elegy Written in a Country Churchyard.” One thing we will consider throughout the term is whether or not medieval people “believed” some of these stories; and what might have been viewed as “real,” or “fiction,” or something between the two.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 20800 - Introduction to Writing and Rhetoric (3)

GE-Communication Interested in learning how to win an argument? Want to know the best ways to effectively convey your own ideas, while anticipating what others will say? This course will build on what you learned in ENGL 17000 and go into more detail about not only how to make a good argument, but why it works. You’ll get a chance to learn more about ideas and theories about persuasion and the practice of making a convincing argument, and we’ll participate in class debates, write a variety of texts, and give speeches. You’ll be better prepared for making (and winning) arguments in your daily life and in future classes.

Prerequisite: ENGL 17000 with a C or better.

ENGL 20900 - Writing for Game Design (3)

GE-Communication This course introduces you to the essential concepts of writing and developing treatments and structured narrative elements for games. We will focus on narrative and plot structure for linear and open-world

game concepts, writing episodes, segments, and cut scenes for digital games, writing protagonists based on the archetypal figure of the Hero’s Journey, writing memorable secondary characters, writing dialogue that advances character and storyline, writing to develop emotional connection between the gamer and the story/characters, and other aspects of story-building. By the end of the course, you will have developed a portfolio of writing samples that are directly related to your interests in game design more broadly, and that can be used to supplement your professional portfolio.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better; GAM 10000.

ENGL 21100 - Introduction to Creative Writing (3)

GE-Communication In this course, you will be introduced to creative writing by exploring writing in a variety of genres that may include prose (creative nonfiction, fiction), poetry, hybrid forms (flash fiction, prose poetry, and others), as well as playwriting or screenwriting. A workshop course, this class will also give you a context for sharing your creations with other students serious about writing and excited to join a community of writers.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 21400 - Introduction to Writing Poetry (3)

GE-Communication Have you ever caught yourself listening to the wordplay in a song and thought, “I wish I could do that?” Do you have feelings that seem just beyond the reach of words? The greatest poets have felt the same thing, and they learned what to do with that feeling. This class will be the start of your experiment with the oldest of human art forms. Learn the forms of expression that come down through poetic tradition, and work to add a few new ones of your own. A workshop course, this class will give you the opportunity to write poems and have them read by peers as curious about language as you are.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Offered: Fall.

ENGL 21500 - Introduction to Writing Fiction (3)

GE-Communication Stories have always been at the heart of culture. And storytellers make stories. If you know you have stories to tell, novels to write, worlds to create, this course can help you deepen your imagination. In this class, you will write in genres such as horror, fantasy, or mystery, experiment with eloquent literary forms, and start down the path of being an author. A workshop course, this class will also give you a context for sharing your stories with other students serious about writing and excited to join a community of writers.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Offered: Spring.

ENGL 22200 - Writing about Reality (3)

GE-Communication Everyday people writing about everyday experiences – that’s nonfiction. In this course, you will take those everyday experiences and create written pieces of nonfiction and its sub-genres. You’ll learn how to stay true to the reality of those experiences. You will read essays and other pieces of nonfiction as readers of literature and as creative writers.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23000 - Professional Communications (3)

GE-Communication This course introduces concepts of workplace communication pertinent to the twenty-first-century global professional environment. Practice is provided in researching, designing, and composing common workplace documents and correspondence, in creating communications with a team, and in presenting communications orally and with the use of technology. Lab fee may be required.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23500 - American Literature: Slavery and War (3)

GE-Human Culture: Literature Slavery and war are intertwined sins in the origins of America—the place as well as the idea. In this course, you will learn about early Americans who struggled with the constant violence that they both created and resisted. You will read first-hand accounts of people who were enslaved and of people who were touched by the Revolutionary and Civil Wars. Ultimately, our purpose will be to understand the literature of the United States of the nineteenth century as a window on today.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23501 - American Literature: Breaking Free (3)

GE-Human Culture: Literature What does the old time song “Breaking Up is Hard to Do” have to do with Colonial through Antebellum American literature? Everything, if you consider how this young, only-200-plus-years-old country had to bust loose from European constraints in religion, government, art, and literature in order to create a land that could provide sanctuary for the fugitive freedom hunted down for destruction everywhere else in the world. American writing then becomes a conscious breaking away from British and European style and setting and voice in American Romantic poets, writers like Emerson and Thoreau, and Hawthorne’s tales of the psychological and spiritual damage of “that old time religion.”

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23502 - American Literature: Family and Dysfunction (3)

GE-Human Culture: Literature Have you ever wondered why reality television is so compelling for audiences and what are its influences? You will study the pioneers of realism, specifically Twain’s survivor of parental abuse Huck Finn. With other diverse voices including Wharton, Hurston, Miller, Baldwin, Wilson, and Morrison, you will also encounter marriages and parent/child relationships strained by suffocating misogyny or material desire fueled by the American Dream unrealized for those characters battling racism, nativism, and classism. You will also enjoy the success of those who struggle against societal pressures and triumph in American settings that provide nurture. In short, you will see American families defining America because of -- and in spite of -- all that America provides or obstructs.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23503 - American Literature: Trauma and Modernity (3)

GE-Human Culture: Literature “History is precisely the way we are implicated in each other’s trauma” – this claim by a contemporary literary scholar is the central assumption of our course. As you read through American literature since the Civil War, you will experience how it struggles with feeling somehow different from everything that has come before (the issue of modernity) as well as how it focuses often on debilitating pain and suffering (the issue of trauma). Are we still modern? How do we deal with the trauma of others? Ultimately, your study of the literature of the United States of the twentieth century will help us understand who we are today.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23800 - Into the Promised Land: Race and Ethnicity in American Literature (3)

GE-Human Culture: Literature/Human Diversity Why have generations of immigrants referred to the United States as the Promised Land? What was promised? Who promised it? How have Americans’ racial and ethnic identities affected their access to the promises of America? We will look for answers to these questions by reading texts from a variety of ethnic perspectives as we examine the historical events that shaped them. We begin with an examination of slavery’s impact on American history and literature, move to immigration’s role in shaping ethnic literature, and end with an analysis of cultural diversity. Our classes will also include documentary films about race and ethnicity in America.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 23900 - Faulkner: Southern Belles and Racism (3)

GE-Human Culture: Literature If you want to better understand the world's yesterday, today, and tomorrow, a study of American Southern writer Faulkner is a good place to start. His experimental and ground-breaking writing style and unwavering investigation of all that can be found in the human heart will challenge you and expand your mind. Characters you'll meet include a thirteen-year-old white boy and his black slave companion, a Southern Belle coed kidnapped by a gangster, a rebellious high school girl living in a house with ghosts of the past, a mixed-race young man struggling with whether to identify as white or black, a family's reckoning with their mother's death in both comic and tragic ways, and a teenage boy who knows and must prove an elderly black man innocent of murder.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 24100 - Celtic Literature (3)

GE-Human Culture: Literature/Human Diversity In the modern world, "Celtic" has nearly become synonymous with shamrocks, St. Patrick's Day, leprechauns and fairies, knotwork designs on everything from blankets to journal covers to t-shirts, and of course, the color green. But where did the idea of "Celtic" originate, and were original "Celtic" things the same as they are today? This course is an introductory survey of the early literatures of Ireland, Wales, Brittany, and Scotland with emphasis on understanding the texts in terms of genre, narrative structure, literary elements, cultural and historical significance and context, and continuing influence on contemporary understandings of "Celtic" which is not at all the same as the historical reality! You will gain a broad introductory knowledge of the diverse cultures that produced these literatures, as well as enjoying some wonderful stories and poems.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 24200 - Viking Literature (3)

GE-Human Culture: Literature Who were the Vikings, what were they really like, and why do modern audiences still find them so endlessly fascinating? This course will introduce you to the early literatures of Scandinavia - Norway, Denmark, and Iceland, with occasional side-glances at Sweden and Finland. You will be reading in the major genres of these cultures—the eddas, or mythological texts; the sagas, which tell the histories and adventures of the people of Iceland or of the knights of popular imagination; and the various shorter poetic forms. You will gain a broad introductory knowledge of the diverse cultures that produced these "Viking" literatures, as well as enjoying some wonderful stories and poems and even trying your hand at writing in some of the most important poetic forms!

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 25000 - Multiculturalism and Multilingualism (3)

GE-Social Science/Human Diversity Have you ever wondered why adults seem to have such a hard time learning a second language? Do you question why you can't roll your r's after years of studying Spanish? Can someone be bilingual but not bicultural, or vice versa? This course answers these questions and many others, providing a comprehensive introduction to the phenomenon of using two or more languages in daily life. Our goal is to not only understand what it means to be bilingual/multilingual, but also to better understand and interact with our bilingual/multilingual friends, business associates, coworkers, students, and other non-monolinguals. We will use research from applied linguistics, cognitive psychology, sociolinguistics, and anthropology to examine the following key topics: defining and measuring bilingualism/multilingualism second language acquisition, language use and choice, bilingual/multilingual literacy, language identity, bilingual education, and cognitive and social effects of bilingualism/multilingualism.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Offered: Fall. Cross-Listed as: SPA 25000.

ENGL 25300 - The Arthurian Legend (3)

GE-Human Culture: Literature In this course you will explore the legends of King Arthur and the Knights of the Round Table. Our course themes may include the Arthurian legend from a global perspective, examining how it appears in literatures from around the world, or it may focus specifically on the English, or European, traditions; it may focus specifically on the earliest Arthurian legends of the Middle Ages, or on modern representations of the Arthurian legend in literature and on television and film. As we read and discuss a variety of representations of the legend, you will consider major themes—chivalry, courtesy, honor, loyalty, treason, betrayal, friendship, adventure, quest, gender and masculinity, violence—and major characters, including King Arthur, Queen Guinevere, Sir Lancelot, and Sir Gawain, that have made these stories legendary and contribute to their continued popularity today.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 25400 - Mythology and Folklore (3)

GE-Human Culture: Literature/Human Diversity This course explores mythological and folkloric motifs found in cultures from around the world. You will read texts and analyze their structure, format, nature, and cultural contexts.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 25600 - Greek Myth, Epic, and Tragedy (3)

GE-Human Culture: Literature/Human Diversity This course is a study of works from classical Greek literature focusing on the changes in philosophical, political, and economic conditions that are reflected therein. Readings may include works by Homer, Aeschylus, Sophocles, and Euripides, as well as selections from Plato and Aristotle concerning poetry and its role in society.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 25700 - Dystopian Literature: Problems with Perfection (3)

GE-Human Culture: Literature War, hunger, oppression—how can we fight these things? Humans have quite often thought they could build a perfect world, a world in which everyone would have enough, not too much, a world in which everyone would get along and respect each other's space, a world in which there would be no need for crime, class divisions, or even currency. These worlds, however, turn upside down in the face of human nature. In this class, we will explore the problems with a perfect world. Would we even want one?

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 25800 - Detective Fiction (3)

GE-Human Culture: Literature Why are we so fascinated with detectives? From popular novels to television dramas and big-budget films, we love to follow in the footsteps of detectives, both real and fictional. When reading crime novels, you become the detective, puzzling your way through dropped clues and avoiding red herrings. In this course, you will begin with Edgar Allan Poe's Inspector Dupin before crossing the pond to spend time with London's Sherlock Holmes. Readings and film screenings will bring you up to the present and you will probe questions about crime, race, and the police today. Expect to encounter locked-room mysteries, unidentified bodies, hard-boiled detectives, and more than a few characters from Scotland Yard.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 25900 - Existentialism: Absurdity, Angst, and the Meaning of Life (3)

GE-Human Culture: Literature Have you ever woken up - late again - and while rushing to class or work wondered: What's the meaning of all this, anyway? Have you ever felt an almost crushing anxiety when faced with a life-altering choice? If so, you have already experienced existential doubt and angst. The literature in this course, including poetry, plays, short stories and novellas, raises questions about the meaning of life, faith and choice, freedom and responsibility, and the nature of the self.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 26000 - Gothic Literature: Monsters & Madness (3)

GE-Human Culture: Literature/Human Diversity The Gothic is one of the most dominant genres in global popular culture today. Uncountable novels, films, television shows, and video games adopt Gothic conventions—gloomy mansions, spectral figures, terrifying monsters, nightmarish visions—to tell their stories. What is the reason for the immense appeal in the late twentieth and early twenty-first century of a genre that dwells upon grotesque and disturbing subject matter? How has the Gothic—a genre born out of the particular historical and social circumstances of western Europe—captured the imaginations of people from countries and cultures all around the world? Why does modern human society seem to need Gothic stories? In this course, we will seek answers to these questions through the study and contextualization of twentieth- and twenty-first-century Gothic texts from around the world.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 27500 - Gender: Body, Mind, and Power (3)

GE-Human Culture: Literature/Human Diversity How much of who we are as women, men, boys, and girls is influenced by our biology, our chromosomes? How much are the roles we perform as sons, daughters, wives and husbands dictated by social expectations and norms? And where do free will, choice, and our own thoughts and feelings come into play when we think about gender? Through the literature introduced in this course, you will explore the intersection of gender, race, class, and sexual orientation. You will investigate how cultural dynamics and power structures attempt to control and restrict gender expressions, and how various characters throughout these works respond: by submitting, by loving, by resisting.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 28000-28099 - Topics in Literature (3)

In these topics courses, you will explore literature related to a specific author, genre, subject, theme, perspective, or problem. As topics vary, you may take multiple courses in this series. Individual courses in this range may meet certain General Education requirements.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 28200-28299 - Topics in English (3)

In these topics courses, you will explore a particular subject, theme, perspective, or problem related to composition, rhetoric, and language. As topics vary, you may take multiple courses in this series. Individual courses in this range may meet certain General Education requirements.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

ENGL 30100 - Methods of Literary Study (3)

What does it mean to study literature critically? How can the critical study of literature help us to grow as readers, writers, and human beings? This course introduces you to the critical practices that form the foundation for the study and craft of literature. Together, we will read scholarly criticism and learn about the various theoretical perspectives through which literary scholars and writers often view and discuss literature. You will read literary texts and produce your own short creative writing pieces; analyzing both through the theoretical perspectives you have learned in the course to increase the sophistication of your reading and writing practices.

Prerequisite: ENGL 17000 with a C or better. May be taken concurrently with ENGL 17000 with permission of the program chair. Offered: Fall.

ENGL 30700 - The Teaching of Writing (3)

Learning about the act of writing—not just how to write well, but also about the process we use to do so—is important whether you will become a writer, a teacher, an academic, or any variety of other profession. Study of the writing process helps us to become better writers, and also helps us develop effective teaching strategies for English composition. In this course, we will be reading and discussing a wide variety of research on the theory and practice of writing as it has evolved as a scholarly discipline in English in the past few decades. You will get a chance to see examples of effective teaching methods for helping students write more effectively, and you will be designing your own lessons and assignments to apply your understanding.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

ENGL 30900 - The Novel (3)

GE-Human Culture: Literature Novels may be the most popular—and are certainly the most prestigious—form of literary writing today. It may come as a surprise to learn, then, that a few hundred years ago, the novel was perceived as a rather disreputable literary form produced primarily by hack writers, people of questionable moral integrity, and—shockingly—women. Moreover, for all their popularity and outsized cultural presence, trying to define what exactly a novel is turns out to be surprisingly difficult. In this course, we will read influential novels from the historical periods of its rise and development—novels that have given definition to this rather indefinable of literary forms, and which have raised its literary reputability (if not necessarily its moral reputability).

Prerequisite: ENGL 17000 with a C or better.

ENGL 31100 - Advanced Creative Writing (3)

In this course, you will build on the experience and skills gained from ENGL 21100 Introduction to Creative

Writing, professionalizing your skills in the composition of a variety of genres that may include prose writing (creative nonfiction, fiction), poetry, hybrid forms (flash fiction, prose poetry, and others), as well as playwriting or screenwriting. The course will be workshop-oriented, with the focus on in-depth attention to pieces submitted to the workshop.

Prerequisite: ENGL 21100. Offered: Spring

ENGL 31200 - Technical Writing (3)

GE-Communication Do you like explaining concepts, especially challenging ones, in writing? Do you want to learn how to describe something complicated in a simple, easy-to-understand way? Do you like to design documents, such as posters, flyers, or websites, and want to learn how to make your designs look better to an audience? If so, technical writing is for you. In this class, you will use the writing skills you learned in Composition I and II and apply them to workplace writing situations, where conciseness and attention to detail are paramount. We will design documents to be effective for a reader, explain difficult concepts so that a non-expert audience can understand, and write and format reports, proposals, and other genres that technical writers use.

Prerequisite: ENGL 17000 with a C or better.

ENGL 31500 - Arrow Rock Literary Journal (3)

What does it take to publish a literary journal? You will learn all aspects of producing an online literary journal. You will design, choose, edit, advertise, and publish. You will use WordPress to share your journal, and earn credit as an editorial assistant. You will also research and present a literary journal to the class. In addition, you will be required to submit your own original work to an approved publication by the end of the semester.

Prerequisite: ENGL 21100. Offered: Spring.

ENGL 32100 - Advanced Fiction Writing: It's Time for Your Stories to be Told! (3)

Other worlds, inner worlds, hidden worlds, distorted worlds, beautiful worlds, horrific worlds – past, present, future – men, women, angels, demons, heroes, villains, wizards, witches – redemption, destruction, hope, despair, love, hate, agony, ecstasy, peace, war – you've probably read these stories before. Now is the time to tell your own!

Prerequisite: ENGL 21400, ENGL 21500, or ENGL 22200.

ENGL 32300 - Advanced Poetry Writing: Without Lightning, There's No Thunder (3)

Rock or stone? Ghost or specter? Sky or firmament? Lake or pond? Leaf or tree? Curse or spell? Song or incantation? Sound matters. Rhythm matters. Words matter. Is she wonderful? Is he awesome? You can do better than that! Let's explore language under pressure, language that knows it's different, the language of special occasions:

weddings, funerals, songs, and prayers. When the ordinary just won't do, you'll always have poetry.

Prerequisite: ENGL 21400 or ENGL 21500.

ENGL 33200 - Chaucer (3)

GE-Human Culture: Literature Remember that naked man trudging down the road in the film, "A Knight's Tale?" Geoffrey Chaucer is widely considered to be England's first "name brand" poet, writing in a variety of genres including dream visions, lyrics, fabliaux, romances, beast fables, hagiography, and translations. We will read a great variety of his writings and explore themes such as gender, violence, and magic. Sometimes we will dig deeply into a single text and other times we will take a comparative approach, all while immersing ourselves in the diversity and complexity of Chaucer's world. You will leave this course with confidence in your ability to read and pronounce Middle English and a greater understanding of and appreciation for the diversity and cosmopolitan nature of Chaucer's life and work specifically, and the literature and culture of medieval England more generally.

Prerequisite: ENGL 17000 with a C or better.

ENGL 33300 - Shakespeare (3)

GE-Human Culture: Literature Why are Shakespeare's plays still popular, still produced, still taught in classrooms around the world? Writers fall in and out of fashion all the time, how is it that Shakespeare remains a literary celebrity? We will try to answer these questions by reading representative selections of Shakespeare's comedies, histories, tragedies, and romances. This class will introduce you to many characters; you may experience the magical mischief of Puck, the despair of Lear, the jealousy of Othello, the ambition of Henry V, the moral horror that is Richard III—or perhaps, the tears of Ophelia, the tricks of Prospero, the longing of Romeo. You will be offered the opportunity to engage in creative writing as well as research writing, but best of all, you'll experience the works of the Bard.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

ENGL 33800 - Medieval Literature (3)

GE-Human Culture: Literature Historically, the medieval period spans from the Fall of the Roman Empire to approximately the year 1500—that's over a thousand years of human societies around the world, creating and leaving behind artifacts for us to discover and learn from! In this course you will explore this period in many ways, such as surveying specific medieval literatures, focusing on a set of authors, theme, or literary genre, or by approaching medieval literature through a theoretical lens like race and gender. This course will challenge you to read medieval texts in their socio-historical and political contexts, with attention to what they can reveal to us about the civilizations that produced them, and also, what they can reveal to us about ourselves in our own time.

Prerequisite: ENGL 17000 with a C or better.

ENGL 33900 - Early Modern Literature (3)

GE-Human Culture: Literature The Early Modern period spans from the end of the Middle Ages through the 17th century, and many people call it "the Renaissance." We often think that the Renaissance only occurred in Italy, but we'll find that it's better to think of a series of "renaissances" throughout Europe. There are many different cultural, ethnic, and regional literatures to explore, a variety of themes, genres, and critical lenses, and—of course—no end of authors for us to investigate. This course will challenge you to read these texts in their socio-historical and political contexts, with attention to what they can reveal to us about the civilizations that produced them, and also, what they can reveal to us about ourselves in our own time.

Prerequisite: ENGL 17000 with a C or better.

ENGL 34000 - Stranger than Fiction – Writing Advanced Nonfiction (3)

We all have stories that happened in real life that many would not believe. We all have causes that we want to move to the spotlight. In this course, you will take those personal experiences and beliefs and learn how to craft them into works of nonfiction. You will learn how to incorporate research into your own stories and still keep them truthful. You will have polished pieces that will be publication ready.

Prerequisite: ENGL 17000 with a C or better.

ENGL 34101 - London in the Eighteenth Century (3)

GE-Human Culture: Literature Over the course of the eighteenth century, London rose to become the important global metropolis that it remains today. In this course, we will examine how London rose to such prominence so swiftly. We will read the varied and vibrant literature produced in this century, including novels (developed and popularized during this period), plays (including the racy "Cavalier" drama), and poems (from serious meditations on England's troubles to satirical attacks on its foibles). These great works of literature can teach us about the historical processes—political revolutions and dynastic struggles; imperial expansion, civil war, and unification; Enlightenment ideology and religious conflict; and urbanization and capitalist economics—that built London into the city that continues to hold great power around the globe and in our imaginations.

Prerequisite: ENGL 17000 with a C or better.

ENGL 34200 - Politics, Passion, Poetry and Problems: The Romantic Movement (3)

GE-Human Culture: Literature Ah, the French Revolution! The independence of America! The hope and promise of a new era! Do these sound like exciting times to you? The beginning of the nineteenth century held great promise, but it was scary too. The old ways and systems

had failed, but with what could they be replaced? Was there a way to make a perfect world by focusing on the individual? Through studying the writings of the Romantic era, we'll attempt to determine if passion is promising or problematic.

Prerequisite: ENGL 17000 with a C or better.

ENGL 34300 - Victorians: Vile or Virtuous? (3)

GE-Human Culture: Literature What do you think of when you think of nineteenth-century literature? Perhaps Jack the Ripper comes to mind, or perhaps you think of rich people sipping tea as they extend their pinkies. The Victorian era (1835-1910) was one of contradictions and questions. In this course, we will explore these contradictions through reading prose, poetry, and fiction, and we will decide together if the Victorians were VILE or VIRTUOUS (or maybe both).

Prerequisite: ENGL 17000 with a C or better.

ENGL 34400 - LatinX Literature (3)

GE-Human Culture: Literature/Human Diversity This course introduces students to literature of the LatinX communities in the United States. The literature will serve as a focal point for discussing the differing values, problems, and assertions of the Latin American culture in contrast with the more dominant American culture.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring. Cross-Listed as: SPA 34400.

ENGL 34700-34799 - Topics in American Literature (3)

GE-Human Culture: Literature In these topics courses, you will perform a concentrated study and analysis of American literature related to a specific author, genre, subject, theme, perspective, or problem. As topics vary, you may take multiple courses in this series.

Prerequisite: ENGL 17000 with a C or better.

ENGL 35200 - Early American Literature (3)

GE-Human Culture: Literature "What, then, is the American, this new man?" That question, posed by an immigrant to the United States on the cusp of independence following the American Revolution, animates the literature of this course, in which you will encounter novels, poetry, and drama written by Puritans, colonists, philosophers, and slaves during the first half of the nineteenth century. Along the way, this course will ask you how these texts have contributed to our sense of America today.

Prerequisite: ENGL 17000 with a C or better.

ENGL 35300 - Twentieth-Century American Literature (3)

GE-Human Culture: Literature "This is America, you live in it, you let it happen. Let it unfurl," declared the novelist Thomas Pynchon in the 1960s. This study of recent American literature will cover the unfurling of our culture from the end of the nineteenth century through

Modernism, Postmodernism, and the literature of today. A major theme of this class will be American identities: how do race, class, and gender shape writers' perspectives? Can you talk about a monolithic American literature when there are so many versions of America described in these texts? You will read major novels, poetry, and drama in their entirety.

Prerequisite: ENGL 17000 with a C or better.

ENGL 35400 - Finding Home: Space, Place, and Identity in American Literature (3)

GE-Human Culture: Literature Where did you learn who you are? Are you the same person at school, at home, or at a party with friends? How does where you are change who you are? In this course, we will look at the relationship between space and identity to see how characters in American novels define themselves (and are defined by others) according to the spaces where they live, work, and play. As we examine literary characters' attachments to particular spaces, we will figure out how they find and define where they belong. We will also explore different historical moments when gender, race, class, or ethnicity determined who belonged in the space we have come to call "America."

Prerequisite: ENGL 17000 with a C or better.

ENGL 35500 - Literary Modernism: Experiment, Method, and Mystery (3)

GE-Human Culture: Literature If you love a whodunit, you might have a secret interest in Modernism. If you wonder what that noise was or what that weird symbol might mean, you need to read these authors: Pynchon and Kafka, Cain and O'Connor, Bolaño. In this course you will read some of the most influential writers of the 20th century through the eye of that most modern of characters: the detective. Not all these writers give us detectives, but they all explore a core modern obsession, the methodical search for answers in a world that might be mere chaos. You will track down clues and symbols, study alienation and dark, stormy nights. And the bonus? Your accomplices as you read will be writers as puzzled and eager and curious as you.

Prerequisite: ENGL 17000 with a C or better.

ENGL 35700-35799 - Topics in British Literature (3)

GE-Human Culture: Literature In these topics courses, you will perform a concentrated study and analysis of British literature related to a specific author, genre, subject, theme, perspective, or problem. As topics vary, you may take multiple courses in this series.

Prerequisite: ENGL 17000 with a C or better.

ENGL 35800 - Getting Published – Tips for Writers (3)

You've written poems, short stories, novellas, blog posts, and other forms of writing. Now what? Get published! In this course, you will learn strategies for promoting your work in the media that fits it best. You'll learn about when

you need an agent and how contracts work. Through collaboration and presentations, you'll share with your publishing peers the opportunities that are available to take that pile of writing and start submitting.

Prerequisite: ENGL 21100 or ENGL 22200.

ENGL 36200 - Translation and Literature (3)

GE-Human Culture: Literature/Human Diversity

Phrases like speaking in tongues, broken tongues, or mother tongues refer to the languages we speak as we navigate our daily lives. We all speak in tongues, even if we only have one mother tongue, because we communicate in different ways with our family, our friends, or our professors, even if some people decide that one of the languages we speak is a broken tongue. Taking as a starting point the fact that no one is truly monolingual and no language is broken, we will read novels from around the world to figure out how translation works and why respect for all mother tongues is the cornerstone of our global community.

Prerequisite: ENGL 17000 with a C or better.

ENGL 36300 - Philosophy of Language: Secrets, Symbols, and the Literary Mind (3)

Did you know it's not possible to invent a private language only you can understand? Take this course, and I'll prove it to you. Have you ever wondered whether names have secret, hidden powers? Could a robot ever mean what it says? Could it make a promise or tell a lie? Take this course, and you'll learn how great philosophers like Ludwig Wittgenstein and Saul Kripke have grappled with these questions. You will also study literary experimenters such as Jorge Luis Borges and Fyodor Dostoevsky as they work to fashion made-up worlds from these philosophical puzzles. A perfect class for students of creative writing, literature, philosophy, psychology, computer science, and many others.

Prerequisite: ENGL 17000 with a C or better.

ENGL 36500 - Digital Humanities (3)

GE-Communication Are the practices of traditional humanistic study relevant in an increasingly digital, high-tech world? Yes, they are—especially in the new field of digital humanities. The digital humanities is an area of scholarship that uses new technologies as tools and media for composition, analysis, and humanistic thought, and which studies the relationship between human beings and their changing technologies of communication. This course will provide an overview of the field of digital humanities. You will learn how to use a variety of digital tools and work both individually and on teams to create multimodal compositions and digital-based projects that collect, organize, and analyze information. No previous computer experience required: this course is meant for students of all abilities.

Prerequisite: ENGL 17000 with a C or better.

ENGL 36700 - World-Building (3)

This course is for anyone who ever wanted to keep living in a movie after it was over or keep breathing the weird air of a novel after turning the last page. This course will focus on the most purely imaginative side of creative work: building worlds from scratch. Physical, social, economic, spiritual, and linguistic aspects of made-up realities will be explored as you sketch out new worlds as foundations for future creative projects. Creative writing will take center-stage, but visual artists, game programmers, musicians, and any creatively inclined students are welcome.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

ENGL 37100 - Reading and Writing of the Young Adult Novel (3)

GE-Communication/Human Diversity What are today's young adults reading and why? In this course, you will explore the trends in young adult literature. Through a diverse perspective, you will look at all aspects of what makes YA lit so popular: characters, plots, settings, and the messages. You'll examine your own reading choices as well as the reading you did for your high school and middle school requirements. You'll even try your hand at creating your own YA characters.

Prerequisite: ENGL 17000 with a C or better.

ENGL 37200 - Grammar and Writing (3)

If you are a native speaker of English, you have already internalized the rules of grammar—in fact, we know more grammar rules than any textbook could ever tell us. However, we don't always have conscious knowledge of theories of English language; we know something looks right or wrong, but we can't explain why. This course is meant to help us learn the "why," to formally study (and challenge) the rules of English language constructions, using a rhetorical approach. In this class, you will learn the rules of Standard English grammar and modern linguistic theories, and apply their use in pedagogical and rhetorical situations. Grammar is more useful if we apply it to writing situations, so you will get practice in not only learning the rules but especially being able to apply those rules to your writing.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

ENGL 37600 - African-American Literature (3)

GE-Human Culture: Literature/Human Diversity This course will introduce you to pre- and post-emancipation literature written by African-Americans in the United States. You will read autobiographies, poems, and novels written from the perspectives of freed slaves, expats in Paris, civil rights leaders, and contemporary bestsellers. This literature will ask you to consider how African American writing challenges dominant American ideas about culture, values, and history.

Prerequisite: ENGL 17000 with a C or better.

ENGL 38000-38099 - Topics in Literature (3)

In these topics courses, you will perform a concentrated study and analysis of literature related to a specific author, genre, subject, theme, perspective, or problem. As topics vary, you may take multiple courses in this series.

Prerequisite: ENGL 17000 with a C or better.

ENGL 38200-38299 - Topics in English (3)

In these topics courses, you will explore formal, linguistic, and/or interdisciplinary approaches to the study of English. As topics vary, you may take multiple courses in this series. Individual courses in this range may meet certain General Education requirements.

Prerequisite: ENGL 17000 with a C or better.

ENGL 40400 - History of the English Language (3)

The English language that we speak today bears little resemblance to Old English, and almost no resemblance to its Germanic and proto-Indo-European predecessors. How did the language change so much? In this course, you will learn about external and internal influences that have impacted the language in each of its major historical periods, identify the linguistic changes and variances recorded within the literary texts that were produced in each of those periods, consider the language's regional variations, and examine the relationship of language to gender, race and ethnicity, and social class. Taking this class will change forever how you understand the role of English in the world.

Prerequisite: One literature course at the 20000-level or above. Offered: Spring.

ENGL 41000 - Internship in English (1-3)

This independent study will provide you with opportunities to apply writing and communication skills in a practical, hands-on environment. You can also network and gain professional connections to give you an advantage on the job market. This course is repeatable for a maximum of nine credit hours.

Prerequisite: ENGL 17000 with a C or better.

ENGL 45400 - Senior Capstone in English (3)

This senior capstone course is an opportunity for you to review, reflect on, and gain further insight into the skills and knowledge that are the hallmarks of a well-trained English major, while also engaging in a sustained research project of interest to you, and preparing for life beyond the university classroom. Along the way, you will complete four modules: an intellectual autobiography, an internship research and job materials development unit, the revision, expansion, and manipulation for various purposes of a paper completed for an earlier class, and an original, term-long written project. When you have completed this course, you will be prepared to use your degree to its greatest potential "in the real world."

Prerequisite: ENGL 30000-level three-credit-hour course.

ENTR - Entrepreneurial Studies**ENTR 31200-31299 - Directed Studies in Entrepreneurial Studies (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the School of Business & Entrepreneurship.

ENTR 37510 - Small Business and Entrepreneurship (3)

This course is designed for students who are interested in owning and running a small business. Topics to be covered include planning, controlling, financing, and managing operations. Students will learn how to explore opportunities and develop venture ideas; set objectives, choose resources, and evaluate market research; and investigate financing resources and approaches. Teaching approaches will include outside speakers, outside readings, class discussions, and research papers. Lab fee may be required.

Prerequisite: ENGL 17000 and MGMT 26032 with a C or better. Offered: Fall/Spring.

ENTR 39000-39999 - Special Topics in Entrepreneurial Studies (3)**ENTR 41200-41299 - Directed Studies in Entrepreneurial Studies (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the School of Business & Entrepreneurship.

ENTR 47510 - Financing Business Ventures (3)

Financing Business Ventures is an advanced course designed to apply the theoretical principles of finance to new or emerging businesses. Topics to be covered include capital raising, cash flow management, business planning, and value realization. Lectures and case studies will focus on financing methods, working capital management, expansion, and exit strategies in order to develop decision making skills. Guest speakers will illustrate real-world situations. Lab fee may be required.

Prerequisite: ENGL 17000 and FIN 32000 with a C or better. Offered: Fall.

ENTR 47515 - Case Studies in Entrepreneurship (3)

This course will engage students in critical thinking and decision-making about entrepreneurial enterprises in the context of case studies and/or entrepreneurial

simulations. The purpose of the course is to refine and develop skills required for entrepreneurs to start new businesses. Through analysis of entrepreneurial success and failures, students will examine the challenges encountered when starting a new business. Lab fee may be required.

Prerequisite: ENGL 17000, FIN 32000, and MRKT 35010 with a C or better. Offered: Spring.

ENTR 47520 - New Venture Initiation (3)

This course is designed for students who are interested in starting a new business. Particular emphasis will be given to developing an understanding of the mechanics of starting a new business; providing insight into the process for identifying business opportunities; understanding the importance of effective marketing, funding, and employee management; and the analysis of strengths and weaknesses of the entrepreneur. The class will conclude with the presentation of a business plan, written during the course of the semester. Lab fee may be required.

Prerequisite: ENGL 17000 and ENTR 47510 with a C or better. Offered: Spring.

ENTR 47595 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

ENTR 49000-49999 - Special Topics in Entrepreneurial Studies (1-3)

ENV - Environmental Science

ENV 45000 - Environmental Internship (3-9)

During their junior and senior years at Lindenwood, qualified students may participate in internship experiences in environmental science. Students are responsible for making arrangements with the internship sponsor, but the course instructor must approve the sponsor and the planned activities before the internship work begins. Internship sponsors may be government agencies, for-profit corporations, or non-profit corporations or agencies. Student interns may be paid for their work, but more often they are not. Student interns are required to spend at least 40 hours working on tasks assigned by the Internship Sponsor for every semester credit hour for which they are enrolled. Completion of the internship requires submission of a report or research paper as specified by the instructor.

Prerequisite: Junior standing and permission of dean.

EPP - English Preparedness Program

EPP 10000 - Basic English Grammar for Non-Native Speakers (3)

This course is designed for you to review English grammar rules on which you have received instruction but require further mastery, with attention given to form, meaning, and use. You will apply rules through reading and writing activities and presentations. You will take this course concurrently with EPP 10500 or EPP 10600 and EPP 12000 or EPP 12500.

Prerequisite: Placement and non-native English speaker. Offered: Fall/Spring.

EPP 10100 - Advanced English Grammar for Non-Native Speakers (3)

This course provides you with an intensive review of advanced English grammar structures, with emphasis on application of rules through academic reading and writing assignments. You will take this course concurrently with EPP 11000.

Prerequisite: Placement and non-native English speaker. Offered: Fall/Spring.

EPP 10500 - Reading and Writing for Non-Native Speakers (6)

This course will give non-native speakers the opportunity to develop English language skills needed to succeed in college courses. Assignments will focus on developing English proficiency, with emphasis placed on developing reading and writing skills. Additional hours with an English conversation partner may be required. A grade of C is required for advancing from this course. If the student fails to achieve a "C," he or she will have to retake the course next semester.

Prerequisite: Placement and non-native English speaker. Offered: Fall/Spring.

EPP 10600 - Reading and Writing for Non-Native Speakers II (6)

This course gives you the opportunity to further develop your reading and writing skills as a multilingual individual who requires further English preparation before EPP 11000. Instruction in this course will focus on preparing you for academic courses through assignments aimed at developing your reading strategies and writing techniques. Additional hours with an EPP writing mentor may be required. A grade of C is required for advancing from this course. You will take this course concurrently with EPP 10000 and EPP 12000 or EPP 12500.

Prerequisite: EPP 10500 with a C or better; Placement and non-native English speaker. Offered: Fall/Spring.

EPP 11000 - Academic Writing for Non-Native Speakers (3)

This course is designed for non-native English speakers who are not yet prepared to enter ENGL 15000

Composition I or EPP 15000 Composition I for Non-Native Speakers. This course will focus on developing clear and comprehensible prose in academic writing assignments. A grade of C is required for advancing from this course. If the student fails to achieve a C, he or she will have to retake the course the next semester.

Prerequisite: EPP 10500 or EPP 10600 with a C or better; placement and non-native English speaker. Offered: Fall/Spring.

EPP 12000 - Spoken Communication and Pronunciation for Non-Native Speakers (3)

This course will provide you with opportunities to improve your comprehensibility in communicating in English. You will practice stress, rhythm, intonation patterns, and troublesome consonant and vowel sounds through various means, including class presentations, discussions, and regular conversation partner meetings. You will take this course concurrently with EPP 10500 or EPP 10600 and EPP 10000.

Prerequisite: Placement and non-native English speaker. Offered: Fall/Spring.

EPP 12500 - Advanced Speaking and Listening for Non-Native Speakers (3)

This course will provide you with opportunities to improve your comprehensibility in English and strengthen your academic speaking and listening skills. You will practice phonetic patterns and troublesome consonant and vowel sounds through various means, including class presentations, discussions, regular conversation partner meetings, and additional assignments. You will also focus on developing note-taking skills and strategies to improve professional communication. You will take this course concurrently with EPP 10000 and EPP 10500 or EPP 10600.

Prerequisite: Placement and non-native English speaker. Offered: Fall/Spring.

EPP 15000 - Composition I for Non-Native Speakers (3)

GE-Communication This course follows the same general guidelines as other sections of Composition I, using the same texts and requiring the same amount of academic writing. However, the class will be designed to meet the needs and concerns of non-native English speakers. This course fulfills the ENGL 15000 Composition I GE requirement and is equivalent to ENGL 15000.

Prerequisite: EPP 11000 with a C or better; placement and non-native English speaker. Offered: Fall/Spring.

ESC - Earth Sciences

ESC 10000 - Physical Geology with Lab (4)

GE-Natural Science with Lab This course focuses on the study of the earth to include its component materials, the physical and chemical changes that take place internally

and superficially, and the historical background of the science. The lab involves identification of minerals and rocks, the determination of various surficial processes and how they are reflected by topographical maps. A field trip is included as a lab exercise. Lab fee required.

Offered: Fall/Spring.

ESC 10500 - Survey of Geology (3)

GE-Natural Science This is a lecture course that focuses on the study of the earth to include the materials it is made of, the physical and chemical changes that take place both internally and superficially, and the historical background.

ESC 11000 - Introductory Meteorology (3)

GE-Natural Science This course acquaints the student with the physical and thermal dynamics of the lower atmosphere. It deals with the role the sun plays as the source of energy for all phenomena. Topics include thermal energy; atmospheric temperature, humidity, pressure, and wind; cloud formation; frontal systems; severe weather phenomena and air pollution.

Offered: Fall/Spring.

ESC 11100 - Meteorology Lab (1)

GE-Natural Science Lab This lab course is designed to complement Introductory Meteorology. Students will decode raw data, plot maps, analyze the data, and make forecasts. Time permitting; a field trip will be included to the local National Weather Service Station. Concurrent enrollment in ESC 11000.

ESC 11200 - Fundamentals of Environmental Science (4)

GE-Natural Science with Lab This course will introduce students to the basic application of system approaches to science and policy with respect to air, soil, and water environments; land use; energy supplies; and other resources using biological, ecological, physical, and chemical principles. Lab fee required.

Offered: Fall/Spring.

ESC 12000 - Oceanography (3)

GE-Natural Science This course explores the various physical oceanographic concepts to include waves, tides, currents, shoreline interaction, ocean basin structure, ocean sediments, physical and thermal properties of salt water, and atmospheric and oceanic interaction. A portion of the course covers marine ecology.

ESC 13000 - Introductory Astronomy (3)

GE-Natural Science In survey fashion, this course addresses the historical background of astronomy, types of telescopes, identification of stellar characteristics, formation of our solar system, characteristics of the

planets, space debris, and the birth and death of stars, galaxies, and the universe.

Offered: Fall/Spring.

ESC 13100 - Astronomy Lab (1)

GE-Natural Science Lab This optional lab explores celestial mechanics, calculating distances to stars, measuring the brightness and color spectra of stars, the classification of galaxies, and the formation of the Universe. Concurrent enrollment in ESC 13000 or permission of dean required. Lab fee required.

ESC 13200 - Introductory Astronomy with Lab (4)

GE-Natural Science with Lab This is a survey course that addresses the historical background of astronomy; measuring methods for celestial objects; the electromagnetic spectrum and spectroscopy of celestial objects; telescopes; formation and scale of the solar system; characteristics of planets, moons, and space debris; birth and death of stars; galaxies, dark matter, and dark energy; and the formation of the universe. Weekly laboratory activities reinforce classroom concepts. Lab fee required.

Offered: Fall/Spring.

ESC 32000 - Hydrology (3)

This course is the study of the occurrence, circulation and distribution of surface water. It looks at the different components of the hydrologic cycle, their interactions, and how geomorphological and geological features modify water behavior.

Prerequisite: ESC 10000; MTH 17300; MTH 24100.

ESC 33000 - Fundamentals of Soil Science (4)

This course will serve as an introduction to the chemical, physical, and biological properties of soils; the origins, classification, and distribution of soils; the influence of soils on people and food production; the management and conservation of soils; and the environmental impact of soil use. Lab fee required.

Prerequisite: CHM 24100 and ESC 10000.

ESC 34000 - Environmental Sampling and Data Management (3)

This course will serve as an introduction to proper environmental sampling design and sampling techniques, when necessary to characterize nature and extent of contamination at a hazardous waste site, or other types of environmental research. The course will also instruct students on methods of summarizing, managing, and interpreting field and analytical data.

Prerequisite: CHM 23100, CHM 24100, and ESC 10000 with a C or better; ESC 32000, ESC 33000, or ESC 40000. Offered: Fall.

ESC 35000 - Hazardous Waste Management (3)

This course is intended to acquaint students with the major aspects of the management of hazardous chemicals, industrial materials, and hazardous wastes including: pertinent regulations, materials handling, waste minimization techniques; recycling/reuse; and treatment and disposal.

Prerequisite: CHM 23100 and CHM 24100 with a C or better. Offered: Spring.

ESC 40000 - Hydrogeology (3)

This course is the study of the principles of water flow through a porous media. The course looks at water occurrence and storage in rocks below the ground, its circulation and distribution, and its interaction with the environment.

Prerequisite: ESC 10000; MTH 17300; MTH 24100.

ESC 41000 - Environmental Fate of Contaminants (3)

This course will provide an overview of chemical contaminant sources, their transport through soil and water, their potential for volatilization into air, and their environmental fate, behavior, and impact to human and ecosystem receptors. This course will also include a survey of potential remedies for chemically contaminated environmental media.

Prerequisite: CHM 24200; ESC 33000.

ESC 42000 - Environmental Risk Assessment (3)

Risk assessment is a critically important tool for environmental analysis. By taking this course, students will have a technically-oriented introduction to all components of the risk assessment process that will enable them to perform introductory-level environmental risk assessments. Students will learn to relate risk assessment methodologies, procedures, and results to chemically-contaminated site clean-up decisions and to support environmental health policies.

Prerequisite: ESC 41000 with a C or better. Offered: Spring.

ESOL - Teaching English to Speakers of Other Languages

ESOL 44000 - TESOL Methods (3)

This course surveys current theory and practice in planning, implementing and monitoring instruction of linguistically and culturally diverse students in a variety of English language teaching contexts.

Prerequisite: ENGL 17000 with a C or better; junior standing.

Cross Listed as TESOL 54000.

EXS - Exercise Science

EXS 23000 - Assessment of Nutritional Status (3)

This course reviews the principles of nutrition assessment for individuals and groups. Evaluation methods for nutrient intakes and diets, anthropometric assessment, analysis of food composition databases and identification of variability and reproducibility of studies will be covered.

EXS 24000 - Nutrition Throughout the Lifecycle (3)

GE-Natural Science This course will provide students with an understanding of the influence of physiological, psychosocial and environmental changes on nutrient needs throughout the lifecycle. Students will identify appropriate screening tools for evaluating the nutritional status of individuals from birth through death.

EXS 25000 - Foundations of Sport and Exercise Science (3)

This course is an introduction to the foundational information in the field of Exercise Science. Course topics and activities will include exploration of the general concepts, goals, professional organizations and certifications, sub-disciplines, and career employment opportunities.

Offered: Fall/Spring.

EXS 26000 - Concepts in Conditioning (3)

This course is a study of the physiological components of exercise and their application when working with athletes, individuals, or small/large groups. Students will understand the purpose of selecting safe and effective techniques for aerobic and anaerobic conditioning, contraindications to exercise, and evaluation methods used by professionals when working with these populations.

Offered: Fall/Spring.

EXS 26500 - Basic ECG Dysrhythmia Interpretation (2)

This eight-week course is designed to enable the participant to develop beginning skills in ECG monitoring as well as in recognition and management of cardiac dysrhythmias.

EXS 27500 - Research Methods and Data Interpretation (3)

This course provides instruction on scientific methods in Exercise Science including basic research design and statistical techniques commonly used in Exercise Science. Students will also be exposed to practical experiences in understanding published research, ethical concerns related to research, designing and completing a research project and developing their scientific writing skills.

Offered: Fall/Spring.

EXS 29000-29999 - Special Topics (1-3)

This course is designed for interest in specific subjects related to exercise science. Lab fee may be required.

Prerequisite: Permission of dean. Offered: Fall/Spring.

EXS 30000 - Sport and Fitness Administration (3)

This course is designed for fitness directors and leaders in the field of sport and fitness. Topics covered are communication, time management, organizational skills, development of leaders in the fitness industry, implementation of safety procedures, equipment specifications, facility design and business and marketing techniques appropriate to the delivery of new fitness programs.

Prerequisite: EXS 25000 or HFS 21500. Offered: Fall/Spring.

EXS 30500 - Medical Nutrition Therapy (3)

This course introduces the student to the nutrition care process for assessment, diagnosis, intervention and monitoring/evaluation (ADIME) for individuals of varying disease states. The nutrition recommendations for weight management, digestive disorders, food allergies and intolerances, diabetes, cardiovascular disease, hypertension and cancer will be covered in detail.

Prerequisite: BSC 12100 or EXS 24000.

EXS 31200 - Nutrition and Metabolism (3)

This course is an introduction to the biochemical processes that drive nutritional and dietary recommendations, including the metabolism of micronutrients and macronutrients, the digestive process, enzymatic reactions, hormonal regulation and the neuroscience of food intake.

Prerequisite: BSC 12100 or EXS 24000.

EXS 31500 - Physiology of Exercise (3)

This course studies the human body's response and adaptation to physical activity. Specific attention will be directed at the musculoskeletal, nervous, cardiovascular, respiratory, and endocrine systems. Both acute responses and chronic adaptations to exercise within each system will be discussed. Students will develop an understanding of methods used to examine and measure physical fitness/sports performance and understand terminology to effectively communicate this information to others. Students will explore the importance of physical activity and exercise in a healthy lifestyle and examine how science disciplines can be used to improve overall health, as well as performance in sports.

Prerequisite: HFS 20700 or BSC 22800 or BIO 22800. Offered: Fall/Spring.

EXS 31600 - Physiology of Exercise Lab (1)

This course is designed to introduce students to the field of exercise science with resources necessary for the

application of material discussed during lecture. An overview includes topics on acute and chronic physiological responses to exercise, nutrition, biomechanics, and other concepts in wellness, physical fitness, and performance enhancement. Specifically, the laboratory experiments will focus on the following: circulatory and respiratory responses to exercise, respiratory metabolic measurements, identification of the lactate and ventilatory thresholds, assessment of maximal oxygen uptake, energy cost of physical activity, assessment of perceived exertion, and assessment of body composition. Lab fee required. Concurrent enrollment in EXS 31500.

Prerequisite: EXS 27500 or AT 30200. Offered: Fall/Spring.

EXS 31700 - Advanced Exercise Physiology (3)

An advanced study of human physiology and its interactions with physical activity and training. Emphasis will be placed on the study of the mechanisms underlying the acute and chronic responses to stress.

Prerequisite: EXS 31500; EXS 31600. Offered: Fall/Spring.

EXS 31800 - Strategies for Effective Coaching (3)

In this course, students will establish a foundational coaching philosophy, develop communication and motivation strategies, refine teaching skills, and explore approaches in managing relationships as a coach. Students will be eligible to earn the American Sport Education Program (ASEP) coaching certificate upon completion of class. This course is not open to student with credit in PE 31800 (Coaching with Character).

Prerequisite: ENGL 17000.

EXS 32000 - Nutrition Education and Counseling (3)

This course covers the principles and practices of nutrition education of groups, including aspects of public speaking and lesson planning, and counseling for individuals interested in nutrition-related health behavior change.

Prerequisite: EXS 23000. Offered: Fall/Spring.

EXS 32500 - Biomechanics (3)

This course will study muscular structure and function in relation to physical movement, providing extensive information and application of physiological laws and human movement analysis. Projects of analyzing fundamental movements and sport skills will be performed.

Prerequisite: BSC 22700 or HFS 20700. Offered: Fall/Spring. Cross-Listed as: HS 54300.

EXS 33000 - Current Issues in Exercise Science (3)

This course will target where the sport and exercise science fields are going in the near future. It involves major sociological issues including tobacco use, recreational drugs, narcotics, alcohol, diseases, community health, and

personal and family health. Current technology will also be explored.

Prerequisite: EXS 31500.

EXS 33500 - Independent Research (1-3)

This course provides undergraduates with an opportunity to perform research under the supervision of a faculty member in an Exercise Science-related area. Students are expected to learn common assessment techniques used in Exercise Science research, assist with other ongoing projects and develop a research proposal for their own project. Each credit hour requires approximately 50 hours of contact throughout the semester. The number of enrolled hours must be discussed and agreed upon with the instructor prior to enrollment. This course is repeatable. Lab fee may be required.

Prerequisite: EXS 27500 and MTH 14100 with a C or better, overall 3.0 GPA or higher, permission of instructor, and reliable transportation to and from the main LU campus and other sites of data collection across the greater St. Louis metro area.

EXS 34000 - Nutrition for Performance (3)

This course includes dietary considerations for weight loss, weight gain, and maintenance for human performance and sport enhancement. Current research of supplements, holistic herbs, ergogenic aids, and diet myths will be examined. Diseases controlled through diet and exercise and medication used in special populations will also be covered.

Prerequisite: BSC 12100 or EXS 24000. Offered: Fall/Spring.

EXS 36000 - Exercise Principles for Optimal Performance (4)

This course will prepare students to teach and supervise weight training programs in athletic, recreational, and physical education class environment. It will also cover the physiological components of exercise and their application when working with athletes, individuals, or small/large groups. Students will understand the purpose of selecting safe and effective techniques for aerobic and anaerobic conditioning, contraindications to exercise, and evaluation methods used by professionals when working with these populations. This course is not open to students with credit in EXS 26000 or PE 35600.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000.

EXS 38500 - Advanced Strength Training Techniques (3)

This course is a study of techniques in various strength training exercises. Theory, principle and application of advanced exercise used in rehabilitation and sport specific training are discussed. Lab fee may be required. Cross-listed with HP 51000.

Prerequisite: EXS 36000 or PE 35600. Offered: Fall/Spring. Cross-Listed as: HS 51000.

EXS 38700 - Exercise Testing (3)

This course is designed to provide students with the scientific foundations necessary to conduct laboratory and field tests used for assessing physical fitness components. It will focus on cardio respiratory fitness, muscular fitness, body composition, flexibility, and balance. It integrates concepts, principles, and theories based on research in exercise physiology, measurement and evaluation, psychology, and nutrition to provide a direct and straightforward approach to physical fitness assessment. Concurrent enrollment in EXS 38800.

Prerequisite: BSC 22800 and proof of current CPR certification. Offered: Fall/Spring.

EXS 38800 - Exercise Testing Lab (1)

This course is designed to provide students with the skills necessary to conduct laboratory and field tests used for assessing physical fitness components. It will focus on cardio respiratory fitness, muscular fitness, body composition, flexibility, and balance. Lab fee required. Concurrent enrollment in EXS 38700.

Offered: Fall/Spring.

EXS 39000-39999 - Special Topics (1-6)

This course is designed for interest in specific subjects related to exercise science. Lab fee may be required.

Prerequisite: Permission of dean. Offered: Fall/Spring.

EXS 41000 - Exercise Prescription and Implementation (3)

This course is designed for the student to explore techniques and strategies used for designing, implementing, and managing specific exercise, health and wellness, and athletic development programs. The student will apply their knowledge and skills learned in previous courses to administer appropriate evaluations and use the test results to develop an exercise prescription and properly implement the program. Lab fee required.

Prerequisite: EXS 31500 and EXS 31600 and (EXS 38700 and EXS 38800). Offered: Fall/Spring.

EXS 43000 - Physical Activity for Specific Populations (3)

This course will explore the fitness professional's role in planning and implementing fitness programs for specific populations. Students will understand the many considerations and possibilities to adapt for specific populations as it relates to their ability to be physically active. Exercise testing and programming will be discussed for groups such as youth, geriatric populations, chronic health conditions, those with physical disabilities, as well as medications for these conditions and their effects on exercise.

Prerequisite: EXS 38700; EXS 38800. Offered: Fall/Spring.

EXS 44000 - Internships (3-6)

This internship will be completed in the area of interest of the student. 50 on-site hours per credit hour. There is a minimum of 150 hours, maximum of 300. Lab fee required.

Prerequisite: EXS 41000 or committee approval. Offered: Fall/Spring.

EXS 44100 - Research Internship (1-6)

The purpose of this course is to offer an internship experience for the Exercise Science and Health and Fitness Studies student that is devoted entirely to learning and practicing the research protocols and procedures commonly completed in Exercise Science. Students will be exposed to a number of opportunities that will enhance their skills and abilities in an exercise science laboratory environment including introducing the student to writing and presenting individual research they have performed during the course. May be repeated for credit. This is an undergraduate research course.

Prerequisite: EXS 27500; EXS 31500; MTH 14100, and permission from the dean. Offered: Fall/Spring.

EXS 45500 - Exam Preparation (3)

This course provides a review of all areas necessary to prepare for the strength training exams including administrative duties, facility management and maintenance, fitness program implementation, dietary considerations, and assessment of fitness, conditioning, strength and flexibility. Lab consists of implementation of strength programs, and application of areas used in strength gains.

Prerequisite: Senior standing. Offered: Fall/Spring.

FBD - Fashion Business and Design

FBD 10100 - Fundamentals of Sewing for Design (3)

This course is designed to teach the fundamentals of sewing and construction, emphasizing basic techniques, operation of various machines used in garment construction, and the elements of hand sewing. Passing this course or sewing proficiency test is required for all BA and BFA Fashion Design candidates. The course is open to all students. Studio fee required.

Offered: Fall/Spring.

FBD 10200 - Fashion Design Practicum (0)

All fashion design majors are required to enroll in this course each semester of full-time enrollment, excluding the semester of internship. Requirements vary by semester and may include participation in fashion shows, exhibitions, program meetings and activities, and special events. Pass/Fail grading. May be repeated.

Offered: Fall/Spring.

FBD 20000 - Introduction to Fashion Design (3)

This studio course addresses the basic elements of fashion design as they relate to careers within the industry.

Assignments introduce the fashion design processes of trend investigation, consumer research, storyboarding, color story, textile development, fabric identification, design innovation, and sketching creative ideas.

Offered: Fall.

FBD 21000 - Textile Science (3)

This course introduces students to the scientific qualities and properties of fashion fabrics. By investigating and testing the fibers, quality, construction, care and finishing of textiles, students learn the basics of fabric identification and specific uses in the fashion industry. This course requires lab projects and provides demonstrations of basic methods of textile design development, weaving, printing and dyeing.

Offered: Spring.

FBD 21100 - Apparel Design I: Draping (3)

This course explores the development of basic level apparel styles through the application of the draping principles on three-dimensional dress forms. Students study the process from initial design concept through first sample. Studio fee required.

Prerequisite: FBD 20000. Offered: Spring.

FBD 22000 - Introduction to the Fashion Industry (3)

This course addresses the historical background of the fashion industry as it relates to fashion careers and businesses. Assignments introduce the fashion design process, trend investigation, consumer research, soft goods retailing, e-commerce, apparel manufacturing, merchandising, and buying, textile design and development, sourcing and production, promotion and marketing, retail sales and management, entrepreneurship, professional behavior and basic business writing.

FBD 31200 - Apparel Design II: Patternmaking (3)

This course explores the development of intermediate level apparel styles through the application of pattern drafting principles. Students draft and execute professional standard patterns through flat pattern methods, measurements and rub-off. Students study the process from initial design concept through first sample. Studio fee required.

Prerequisite: FBD 20000. Offered: Fall.

FBD 31300 - Apparel Design III: Mini Collections (3)

This course explores the development of advanced apparel styles through the application of pattern drafting and draping principles. Students are exposed to the design process, from initial concept and muslin sample

development to final execution of the finished garments. Studio fee required.

Prerequisite: FBD 31200. Offered: Fall.

FBD 31600 - Fashion Illustration (3)

This course will introduce students to the basic steps of drawing fashion figures. Other facets of this course include rendering fabrics, flat sketches, and fashion accessories. Students will be required to build a mini-portfolio.

Prerequisite: AAD 13000. Offered: Spring.

FBD 31700 - Digital Apparel Production Management (3)

The purpose of the course is to introduce students to Apparel Production Management. Through the course the students will familiarize themselves with the supply chain from design concept to finished garments. Students will also learn about Technical Packages and how to build one for themselves. Graduate students will also conduct research about product management, global supply change and the environmental impact of the industry.

Prerequisite: FBD 20000 or FBD 22000. Offered: Fall/Spring.

FBD 35000 - Computer-Aided Design I: Apparel Design (3)

Using various software, students construct garment flats and illustrations, scan croquis, and design textiles and visuals. Emphasis on the computer as a tool to achieve apparel designs. Lab fee required.

Prerequisite: FBD 31600. Offered: Fall.

FBD 35100 - Computer-Aided Design II: Textile Design (3)

This course requires students to utilize digital programs to create textile designs. Students will also be exposed to texture mapping and storyboards. Color modes, color matching and printing considerations will be discussed. Class time is divided between instructor demonstrations, student exercises, and arranged lab time for independent work. Lab fee required.

Prerequisite: FBD 31600. Offered: Spring.

FBD 35200 - Computer-Aided Design III: Patternmaking (3)

This course requires students to design and manipulate patterns using apparel industry-specific computer software, including digitizing, pattern grading and marker making. Technical design and production information is generated. Class time divided between instructor demonstrations, student exercises, and arranged lab time for independent work. Lab fee required.

Prerequisite: FD 31600. Offered: Fall.

FBD 35300 - 3D Fashion Design and Technology (3)

The purpose of this course is to teach students how to design fashions utilizing 3D digital software and

equipment. Students will learn to use and explore; Modular Design, 3D Simulation & Layer, 3D Garment Edit, 3D Arrangement, 2D Pattern Design, Grading, Sewing & Tacking, Fabric, Hardware & trims, Fine-tuning, Avatar, Fit Check, Colorway, Print Layout, Render Image/Video, and Animation (Runway).

Prerequisite: FBD 20000 or FBD 22000. Offered: Fall/Spring.

FBD 37200 - History of Costume to 1900 (3)

This course is a study of social and cultural history and the resulting costumes worn by men, women, and children from primitive times to 1900. Emphasis is given to the ways in which politics, economics, and technology affected the changing silhouettes of each period.

Offered: Fall.

FBD 37300 - History of Costume from 1900 (3)

This course is a study of social history and the resulting costumes worn by men, women, and children in the 20th and 21st centuries, focusing on the impact of cultural, political, and social changes. Emphasis is given to the ways in which politics, economics, and technology affected the changing silhouettes of each period, while exploring fashion and the psychology of dress in culturally diverse settings.

Offered: Spring.

FBD 37600 - Fashion Accessories (3)

This course introduces students to the study of fashion accessories. Material covered will include an overview of the historic and contemporary components of accessories which will help students to better predict fashion trends. The specific accessories selected for study may vary from semester to semester. Studio fee may be required.

Prerequisite: FBD 21100.

FBD 38500 - Fashion Business and Entrepreneurship (3)

This course is a study of the commercial and professional elements of fashion, including analysis of merchandising and marketing practices within fashion and its related industries.

Prerequisite: FBD 20000. Offered: Spring.

FBD 38530 - Luxury Branding, Merchandising, and Visual Display (3)

This course focuses on aspects of luxury retail branding, visual merchandising and display, from classic techniques to the most avant-garde developments. This course also reveals how both historic and innovative retailers can optimize their image with target markets through window and interior displays, branding, and new visual merchandising strategies.

Prerequisite: FBD 22000. Offered: Fall/Spring.

FBD 38540 - Apparel Buying and Trend Forecasting in a Global Economy (3)

This course will focus on typical buying tasks, identifying and understanding potential customers, creating a six-month merchandising plan, and developing sales forecasts, important retailing trends, including global buying and sourcing, omni-channel retailing, online retailing, mobile technologies, and social media.

Offered: Fall/Spring.

FBD 38550 - Sustainability in the Global Apparel Industry (3)

This course focuses on aspects of luxury retail branding, visual merchandising and display, from classic techniques to the most avant-garde developments. This course also reveals how both historic and innovative retailers can optimize their image with target markets through window and interior displays, branding, and new visual merchandising strategies.

Prerequisite: FBD 22000. Offered: Fall/Spring.

FBD 38560 - Fashion Marketing and Global Consumer Behavior (3)

This course will focus on contemporary marketing practices including; online marketing, social media, video, mobile technologies, in-store technologies, augmented reality, digital spaces and traditional marketing principles, in addition to consumer online buying behaviors, e-commerce, changes in technology, and social issues within the fashion industry.

Prerequisite: FBD 22000. Offered: Fall/Spring.

FBD 38570 - Fashion Writing and Global Communication (3)

This online course will focus on three areas of communication; reading, writing, and speaking about fashion through traditional and electronic means including; newspaper, magazine, radio, TV, social media, and fashion blogging. This course will also, explore various languages used in basic conversation when communicating and traveling to various fashion capitals and conducting business around the world. Specific languages include; Mandarin, Spanish, French, Italian, Japanese, Portuguese, Hindi, Arabic, Russian, German, and Swahili.

Prerequisite: FBD 20000 or FBD 22000. Offered: Fall/Spring.

FBD 41400 - Apparel Design IV: Technical Design (3)

This course focuses on elements used in the mass production of clothing. Students work in groups to choose an existing company; study its history, design philosophy, and customer base; and design a collection for a specific season, including spec sheets and technical packages for practical application. Studio fee required.

Prerequisite: FBD 31300; FBD 35000. Offered: Fall.

FBD 45000 - Portfolio Design (3)

This course is designed to teach fashion students how to construct a professional fashion portfolio. Emphasis on illustration skills and various media and presentation techniques. Studio or lab fee required.

Prerequisite: FBD 31300. Offered: Spring.

FBD 46500 - Fashion Internship (3-6)

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours.

Prerequisite: ENGL 17000 with a C or better; junior standing; permission of dean. Offered: Fall/Spring.

FBD 47000 - Fashion Business Capstone (3)

This capstone course provides students the opportunity to identify themselves as entrepreneurs, develop a business plan and create their own marketing strategy for their business. Students will analyze industry trends, research existing companies, and present their own personal business model.

Prerequisite: Senior standing. Offered: Spring.

FBD 48700 - Senior Collection I (3)

This is the first of two capstone courses in which students identify customer profiles, research major areas of their specialization and inspiration, and select fabrics. After designing a collection appropriate for a chosen market, students design the flat patterns, draping and muslins for the final garment. Students will develop portfolio-ready technical sketches, illustrations, flats, color storyboards, and fabric swatches. Studio fee required.

Prerequisite: FBD 31300. Offered: Fall.

FBD 48800 - Senior Collection II (3)

This course (a continuation of FBD 48700), students fabricate their designs. Industry standard construction techniques are applied in the execution of the final collection, while portfolio quality presentation boards support the collection. Studio fee required.

Prerequisite: FBD 48700. Offered: Spring.

FIN - Finance**FIN 31200-31299 - Directed Studies in Finance (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

FIN 32000 - Principles of Finance (3)

This course introduces the student to the fundamental concepts of financial management including basic financial analysis, working capital management, planning and forecasting, security valuation, capital budgeting, cost of capital, leverage and capital structure, and international financial management. Lab fee may be required.

Prerequisite: ACCT 21010 with a C or better. Offered: Fall/Spring.

FIN 32010 - Corporate Finance I (3)

This course provides an in-depth examination of issues and techniques of financial management, including financial statement analysis, financial planning and forecasting, capital budgeting, cost of capital, financial leverage and capital structure, dividend policy and working capital management. Lab fee may be required. This course provides an in-depth examination of issues and techniques of financial management, including financial statement analysis, financial planning and forecasting, financial markets, valuation of securities, financial options, capital budgeting, and cost of capital. Lab fee may be required.

Prerequisite: ECON 23030, ENGL 17000, and FIN 32000 with a C or better. Offered: Fall/Spring.

FIN 32015 - International Finance (3)

This course is a study of financial decision making for multinational companies. Topics will include the international monetary system, the foreign exchange market, management of foreign exchange exposure, world financial markets and institutions, and financial management of the multinational firm. Lab fee may be required.

Prerequisite: FIN 32000 with a C or better. Offered: Fall/Spring.

*Added after publishing - July addendum 07/01/2020***

FIN 32020 - Investments I (3)

This course is a survey of the basic concepts of investing. Students will learn the skills to analyze the overall economy, industries and sectors, fixed income securities, stocks, and mutual funds. Lab fee may be required.

Prerequisite: ECON 23030, ENGL 17000, and FIN 32000 with a C or better. Offered: Fall/Spring/Summer.

FIN 32030 - Consumer Finance (3)

This course surveys the economic factors and personal decisions that affect financial well-being: cash and credit management, taxes, major expenditures, insurance, investments, and retirement and estate planning. Emphasis is on practical knowledge for personal financial management and serving customers of the banking, brokerage, insurance, and other consumer finance industries. Lab fee may be required.

Prerequisite: ACCT 21010 and ENGL 17000 with a C or better. Offered: Fall/Spring.

FIN 32035 - Retirement Planning (3)

Retirement planning focuses on preparation for retirement. The course will include the important of retirement planning, an evaluation of the client's needs, an understanding of Social Security and Medicare, and qualified and non-qualified retirement plans.

Prerequisite: ENGL 17000 with C with or better; One of the following math courses: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17300, MTH 27100, or MTH 27200. Offered: Fall.

FIN 32036 - Estate Planning (3)

Estate planning focuses on the efficient conservation and transfer of wealth consistent with the client's goals. The course is a study of the legal, tax, financial, and non-financial aspects of this process, covering topics such as trusts, wills, probate, advanced directives, charitable giving, and wealth transfers and their related taxes. Lab fee may be required.

Prerequisite: ENGL 17000 and FIN 32000 with a C or better. Offered: Fall.

FIN 32040 - Risk and Insurance (3)

This course surveys the area of risk and insurance and examines the concepts of risk, the nature of the insurance device, and the principles of risk management. Life insurance, health insurance, property and liability insurance, and social insurance are treated in terms of their relationship to the wide range of insurable risks to which the individual and the business firm are exposed.

Prerequisite: ENGL 17000 with a C or better and in one of the following math courses: MTH 14100, MTH 14200, MTH 15100, MTH 15200, MTH 17300, MTH 27100, or MTH 27200. Offered: Spring.

FIN 32050 - Financial Institutions and Markets (3)

This course is a study of asset and liability management for financial institutions, including the effect of regulations and laws on the management of financial institutions. Topics covered include the structure of interest rates, money markets, bond markets, stock offerings, financial futures market, commercial bank operations, foreign exchange markets, insurance operations, pension fund operations, leveraged buyouts, private equity markets and hedge fund operations. Lab fee may be required.

Prerequisite: ECON 23030, ENGL 17000, and FIN 32000 with a C or better. Offered: Spring.

FIN 32092 - Analysis of the Housing Market and Home Purchase Process (3)

The history of the 2007-2008 housing crisis will be discussed. Analysis of the national and local housing markets as well as investigating property values across the country. A review of the home purchase process will include home selection, hiring a real estate agent, applying for a mortgage, credit reports, affordability, negotiating the offer, appraisals, inspections, taxes, insurance, and the

closing process. Also, the true cost of home ownership will be investigated.

Prerequisite: ACCT 21010 and ENGL 17000 with a C or better.

FIN 39000-39999 - Special Topics in Finance (1-3)**FIN 41200-41299 - Directed Studies in Finance (3)**

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

FIN 42010 - Corporate Finance II (3)

This course is a continuation of FIN 32010 Corporate Finance I. Topics will include capital structure, distributions to shareholders, financing decisions, working capital management, short-term financing, mergers and acquisitions, and multinational financial management. Lab fee may be required.

Prerequisite: ENGL 17000 and FIN 32000 with a C or better.

FIN 42020 - Investments II (3)

This course covers fixed income securities, mutual funds, commodities, derivative securities, and portfolio management. Lab fee may be required.

Prerequisite: ENGL 17000 and FIN 32000 with a C or better. Offered: Spring.

FIN 42030 - Financial Planning Capstone (3)

This course will engage the student in critical thinking and decision-making about personal financial management topics in the context of the financial planning process. The purpose of this course is to refine and develop the skills needed for personal financial planners when working with individuals, families, and business owners in meeting financial needs and objectives. It is recommended students take this course his/her final semester.

Prerequisite: ENGL 17000 with a C or better; senior standing. Offered: Spring.

FIN 42040 - Investment Applications (3)

This course allows the students to get hands on experience in stock selection and portfolio building process. Investment Applications is built on the theories and concepts taught in Principles of Finance, Investments, and Corporate Finance and tests students' ability to manage a virtual portfolio. The students will learn to navigate the financial database EIKON and practice the concepts learned in the foundation courses. This course is repeatable up to a maximum of six credit hours.

Prerequisite: FIN 32000 with a B or better; permission of dean.

FIN 42080 - Seminar in Finance (3)

This course is an application of the theoretical principles of finance theory to case studies on special financial problems, such as international finance, small business finance, the timing of financial policy, and optimum capital structure. Lab fee may be required.

Prerequisite: ENGL 17000, FIN 32010, and FIN 32020 with a C or better; senior standing. Offered: Spring.

FIN 42095 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

FIN 49000-49999 - Special Topics in Finance (1-3)

FRE - French

FRE 10100 - Elementary French I (3)

GE-Human Culture: Foreign Language/Human Diversity This course is an introduction to French language and culture through reading, writing, speaking, and listening.

Offered: Fall.

FRE 10200 - Elementary French II (3)

GE-Human Culture: Foreign Language/Human Diversity This course is a continuation of the 10000-level sequence, in which students deepen their knowledge of French language and culture and further develop reading, writing, speaking and listening skills.

Prerequisite: FRE 10100. Offered: Spring.

FRE 20100 - Intermediate French I (3)

GE-Human Culture: Foreign Language/Human Diversity Through this course students will further develop their language skills and advance their understanding of Francophone cultures through discussions, readings, and written work.

Prerequisite: FRE 10200. Offered: Fall.

FRE 20200 - Intermediate French II (3)

GE-Human Culture: Foreign Language/Human Diversity This review course is designed to further give the student a command of basic grammatical structures and to increase vocabulary and fluency through reading and

through oral and written analysis of short literary and cultural selections.

Prerequisite: FRE 20100. Offered: Spring.

FRE 31100 - Advanced Oral Skills (3)

GE-Human Culture: Foreign Language/Human Diversity This course will focus on strengthening and deepening oral communication skills—speaking and listening—through the review of some areas of advanced grammar as well as the viewing of French-language films, readings, group discussions, class work, homework using both text-based and internet resources, and oral presentations. The materials used in the course will emphasize themes and problems relevant to the contemporary French and Francophone world, providing students with cultural perspectives on both general and specific topics that will help stimulate discussions.

Prerequisite: FRE 20100. Offered: Spring.

FRE 31200 - Advanced Written Expression (3)

GE-Human Culture: Foreign Language/Human Diversity Using a process-writing approach, this French composition course will help students master writing skills and gain confidence as writers. Through the exploration of various genres, students will learn how to describe, to narrate, to persuade and defend opinions, to hypothesize, to synthesize, and to analyze.

Prerequisite: FRE 20200. Offered: Fall.

GAM - Game Design

GAM 10000 - Introduction to Game Design (3)

This course introduces students to basic concepts of game development including a review and critique of game genres and the basics of the psychology of play. Students will create paper prototypes and play test other's designs for balance and most importantly fun.

Offered: Fall/Spring.

GAM 18600-18699 - Special Topics (1-3)

Special topics in game design. May be repeated as topics vary. Course fee may be required.

GAM 28600-28699 - Special Topics (1-3)

Special topics in game design. May be repeated as topics vary. Course fee may be required.

GAM 30100 - Project and Portfolio I (3)

Students work in teams going through the entire game development process going from concept to completed publish ready game creating examples to build their portfolio.

Prerequisite: GAM 10000; GAM 35800. Offered: Fall/Spring.

GAM 30110 - Project and Portfolio II (3)

Students continue to work in teams going through the entire game development process going from concept to completed publish ready game creating examples to continue to polish their portfolio, with a special focus on creating a presentable body of work.

Prerequisite: GAM 30100. Offered: Fall/Spring.

GAM 30120 - Level Design (3)

Students will use industry standard software to create a playable three-dimensional level, including terrain generation, custom texture maps and three-dimensional place-able models. The course will also explore the theory behind level creation and design. Lab fee required.

Prerequisite: AAD 33600. Offered: Fall/Spring.

GAM 31000 - Scripting for Games (3)

This course will introduce the basics of scripting within industry standard game engines. By the end of the course, students will have a knowledge how modern game engines function, and how to develop basic gameplay. Students will learn to prototype games quickly and how to communicate effectively with programmers. This is repeatable up to a maximum of six credit hours.

Prerequisite: AAD 11000; GAM 10000. Offered: Fall/Spring.

GAM 32000 - Audio for Games (3)

This course investigates sound production and engineering that are particular to games. The course will cover typical studio effects, sound manipulation, and addresses technical hurdles. More advanced concepts and techniques will also be introduced such as recording custom effects, proper integration of audio into game engines, and mixing techniques particular to the gaming industry. This course is repeatable up to a maximum of six credit hours.

Prerequisite: GAM 10000. Offered: Fall/Spring.

GAM 33000 - Game Testing (3)

The course focuses on the testing of playable prototypes. Students will address issues of quality assurance and attend to detected program errors, bug fixes, and overall game improvement. Students will also learn to write analytical reports based on the comprehensive testing strategies and tools utilized during this course. This course is repeatable up to a maximum of six credit hours.

Prerequisite: GAM 10000. Offered: Fall/Spring.

GAM 35000 - Project and Portfolio III (3)

Students take a leadership role in this course leading a team of students through the entire game development process going from concept to completed publish-ready game, they help students with creating examples for their portfolio, and create new work of their own.

Prerequisite: GAM 30110. Offered: Fall/Spring.

GAM 35800 - Game Development I (3)

This course will analyze the rise in video game popularity, the psychological effects of prolonged gaming, debate the idea of game design as an art form, and provide students with the skills and opportunity to create a two-dimensional game. The course will be used to conduct a sophomore review for students and instruct them on their degree plan. Lab fee required.

Offered: Fall/Spring.

GAM 35900 - Game Development II (3)

This course builds on concepts covered in Game Development I introducing students to industry standard software and game design practices.

Prerequisite: GAM 35800. Offered: Fall/Spring.

GAM 38600-38699 - Special Topics (1-3)

Special topics in game design. May be repeated as topics vary. Course fee may be required.

GAM 45000 - Game Design Capstone (3)

This course focuses on preparing the student for entering the world of game design; students will complete their portfolio by creating a final game project. Other topics include resume building, interviewing skills, networking and presentation and explanation of work.

Prerequisite: Senior standing. Offered: Fall/Spring.

GAM 46500 - Game Design Internship (3)

Students will receive hands-on experience and understanding of the games industry by participating in an externship at a professional game company.

Prerequisite: Senior status. Offered: Fall/Spring.

GAM 46900 - 3D Animation (3)

This course covers the basic principles of animation. Students will use industry-standard software to create three-dimensional animations including particle simulations, character animation, facial animation, key frames and editing three-dimensional animation curves.

Prerequisite: AAD 33600. Offered: Fall/Spring.

GAM 48600-48699 - Special Topics (1-3)

Special topics in game design. May be repeated as topics vary. Course fee may be required.

GEO - Geography**GEO 10100 - World Regional Geography (3)****GE-Human Culture: Foreign Culture/Human**

Diversity This course is a study of the major areas of the world divided along political boundaries and levels of development. Attention is given to the impact of the physical and cultural environment on the world areas and

current issues in population, resource depletion, and economic disparities. Not open to students with credit in GEO 10200.

Offered: Fall/Spring.

GEO 10200 - Concepts of Geography (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course is a study of the major areas of the world divided along political boundaries and levels of development. With each world region, students will investigate the political, cultural, economic, and demographic processes at work as well as methods for incorporating this information into their elementary and high school classrooms. Not open to students with credit in GEO 10100.

Prerequisite: EDU 10000.

GEO 10300 - Human Geography (3)

GE-Human Culture: Foreign Culture/Human

Diversity Human Geography is a survey course that investigates the variability in human activity and human interaction with the environment over space. Sample topics include human behavior in space; population dynamics; economic development; spatial variation in agricultural systems; spatial variation in political systems; popular vs. traditional cultures, and human impacts on the natural environment.

Offered: Fall.

GEO 11500 - Physical Geography (4)

GE-Natural Science with Lab This course involves an introductory investigation of the physical and historical processes that have shaped the surface of the earth, including land formation processes; water, weather, and climate systems; biogeography; and the effects of human activity on the earth's physical processes. This course includes a lab. Not open to students with credit in ESC 11500.

GEO 20000 - Introduction to Geographic Information Systems (3)

GE-Communication This course introduces basic concepts necessary to an understanding of geographic information systems including its purpose, hardware, software, databases, and application. ESRI ArcGIS software will be used to display various databases, and students will design and execute cross-disciplinary projects in order to demonstrate the uses of GIS as a spatial analysis and decision making tool. Not open to students with credit in ESC 20000.

Offered: Fall/Spring.

GEO 20400 - Remote Sensing (3)

Where is my house? This is usually the first question we ask ourselves when presented with aerial or satellite imagery. If after you find your house, you question what

did my house look like in the past? How much vegetation is around my house? What does the imagery look like in 3D? And, the next thing you know you are on a virtual tour of the world, then this is the class for you. Remote Sensing is all about how, through the act of analyzing imagery, we ask more questions and how incorporating that imagery into GIS helps us answer those questions.

GEO 20700 - World Economic Geography (3)

GE-Human Culture: Foreign Culture/Human

Diversity This introductory course is a study of the changing locations and spatial patterns of economic activity, including agriculture, manufacturing, and services. Focus will center on the historical development of different economies, on explanations for global and regional economic disparities, and the local and global effects of increasing international economic integration.

Prerequisite: ENGL 17000 with a C or better.

GEO 28000-28099 - Special Topics (3)

This course is a study of a specific topic, time period, or geographical area. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in course schedule. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment.

GEO 28100-28199 - Special Topics (3)

GE-Human Culture: Human Diversity This course is a study of a specific topic, time period, or geographical area. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in course schedule. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment.

GEO 28200-28299 - Special Topics (3)

GE-Social Science This course is a study of a specific topic, time period, or geographical area. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in course schedule. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment.

GEO 30000 - Advanced Topics in Geographic Information Systems (GIS) (3)

This course is an advanced study of the various applications of Geographic Information Systems (GIS) technology. The lecture component of the course will cover industry "best practices" for data collection, analysis, production and presentation of spatial data. The lab component of the course will focus on a series of scenario-based projects. Students will be tasked with making real world decisions based on their analysis and interpretation of spatial data using ESRI's ArcGIS software. Not open to students with credit in ESC 30000.

Prerequisite: GEO 20000. Offered: Fall/Spring.

GEO 30100 - World Historical Geography (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course is designed for history majors. Using world regions as a matrix, students will investigate how the geographic perspective enhances understanding of world history. Emphasis will be placed on how geography has influenced the cultural characteristics of different regions and how historical and current interconnectivity between places is facilitated or limited by spatial variables. Not open to students with credit in GEO 10100 or GEO 10200.

Prerequisite: ENGL 17000 with a C or better; HIST 10100.

GEO 40100 - Internship in Geographic Information Systems (3)

This course prepares you for a field related to Geographic Information Systems (GIS) through practical engagement with the technology in a professional setting.

Prerequisite: GEO 20000. Offered: Fall/Spring.

GER - German

GER 10100 - Elementary German I (3)

GE-Human Culture: Foreign Language/Human

Diversity This course is an introduction to the fundamentals of the language and a mastery of the basic principles with emphasis on speaking and reading comprehension.

Offered: Fall.

GER 10200 - Elementary German II (3)

GE-Human Culture: Foreign Language/Human

Diversity This course is an introduction to the fundamentals of the language and mastery of the basic principles, emphasis on speaking and reading comprehension.

Prerequisite: GER 10100. Offered: Spring.

GER 20100 - Intermediate German I (3)

GE-Human Culture: Foreign Language/Human

Diversity This course is a review of grammar and a study of linguistic, phonetic, and syntactical problems through reading and discussion of modern German prose.

Prerequisite: GER 10200. Offered: Fall.

GER 20200 - Intermediate German II (3)

GE-Human Culture: Foreign Language/Human

Diversity This course is a review of grammar and study of linguistic, phonetic, and syntactical problems by reading and discussion of modern German prose.

Prerequisite: GER 20100. Offered: Spring.

GER 31100 - German Conversation and Composition I (3)

GE-Human Culture: Foreign Language/Human

Diversity This course offers further development in aural

comprehension and oral expression through reading and analysis of cultural and literary materials with exercise in syntax and elements of style. Techniques of group discussion, formal and informal, oral and written presentation are presented.

Prerequisite: GER 20200.

GER 31200 - German Conversation and Composition II (3)

GE-Human Culture: Foreign Language/Human

Diversity This course offers further development in aural comprehension and oral expression through reading and analysis of cultural and literary materials with exercise in syntax and elements of style. Techniques of group discussion, formal and informal, oral and written presentation are presented.

Prerequisite: GER 31100.

GS - Gender Studies

GS 20101 - A Global Introduction to Gender Studies (3)

GE-Human Culture: Foreign Culture/Human

Diversity This interdisciplinary course provides an introduction to the key topics and debates that have shaped the field of gender studies, including masculinity studies and the study of sexuality, history of women's movements and women's studies in America, cross cultural constructions of gender, and a thematic emphasis on the diversity of women's experience across class, race, and cultural lines. Through lecture and class discussion of texts from history, literature, film, psychology, and sociology, we will examine the pervasive influence of gender on the structure of society and our everyday experiences. What role does gender play in our understanding of love, friendship, sexuality, and even violence? Topics will include biological arguments about gender and sexuality; the social construction of gender and identity; intersections of gender, race, class, and sexuality; masculinity and femininity; and theories of sexual difference and the construction of sexuality.

Prerequisite: ENGL 17000 with a C or better.

GS 28000-28099 - Selected Topics in Gender Studies (3)

This course is designed for individualized study of specific topics within the field of Gender Studies.

Prerequisite: ENGL 17000 with a C or better.

GS 30000 - Gender Theory (3)

GE-Social Science/Human Diversity This course is designed to provide students with an introduction to key arguments and themes in contemporary gender studies. We will also examine the diverse perspectives of feminist and gender theories, and students explore some influential debates and issues within feminist thought and the ways in which feminist theories critically analyze conceptions of women and gender relations within political, social, and cultural contexts. The course studies feminisms, as well as

masculinities, from an interdisciplinary approach. We will study different feminist theories from multiple perspectives, including socialist, psychoanalytic, postcolonial, third wave, and global feminisms. This course is not designed to be comprehensive or to cover all the debates pertaining to gender or feminism. Rather, this course aims to introduce students to key theoretical contributions of feminist thought. The course is focused on theory and is not designed to systematically cover the history of women's movements, with some discussion of political/social movements as well.

Prerequisite: ENGL 17000 with a C or better.

GS 38600-38699 - Selected Topics in Gender Studies (3)

This is a course designed to offer a variety of topics in gender studies. This course may be repeated as topics vary.

Prerequisite: GS 20101.

HFS - Health and Fitness Science

HFS 16000 - First Aid/CPR/Sport Injuries (2)

This course is designed to provide training and offer certification in the areas of First Aid and CPR. Student will meet the skill and knowledge standards as determined by the certifying organization. Lab fee required.

Offered: Fall/Spring.

HFS 18500 - Medical Terminology (2)

This course is designed to educate the student in medical terminology in preparation for a career in the healthcare field. Upon completion of the course, students will have a solid foundation in anatomical and medical terminology with the skills necessary to utilize medical terminology with a large vocabulary, including knowledge of prefixes, suffixes, and abbreviations.

Offered: Fall/Spring.

HFS 20000 - Health and Nutrition (4)

This course will provide the student with knowledge of health, fitness, nutrition, and wellness related topics, as well as applicable behavior modification strategies to assist in the prevention of health-related diseases. All components of wellness will be discussed (physical, mental, social, spiritual, and environment) with an emphasis in developing the student's personalized wellness program to develop and maintain a healthy lifestyle.

Offered: Fall/Spring.

HFS 20400 - Care and Prevention (3)

This course is designed to provide foundation knowledge in sports medicine. Course topics include the prevention, recognition, and management of sports-related injuries, trauma, and emergencies. This course is commonly taken in conjunction with HFS 20600 (Care and Prevention Lab).

Prerequisite: BSC 22700 or HFS 20700. Offered: Fall.

HFS 20500 - Fitness and Wellness Concepts (3)

This course will provide the student with knowledge of physical and mental health concepts and engage the students in hands-on personal health assessments. Behavior modifications strategies to eliminate unhealthy behaviors and assist in the prevention of health-related diseases will be explored with an emphasis in developing the student's personalized wellness program to maintain a healthy lifestyle.

HFS 20600 - Care and Prevention Lab (1)

This course is designed to provide students hands-on experience in the prevention and care of sports-related injuries and emergencies. Students will receive training in preventive techniques, as well methods of injury management, including splinting, immobilization, and transportation. Students will also have the opportunity to earn certifications in CPR, AED, and Emergency Oxygen. Taken in conjunction with HFS 20400. Lab fee required.

Prerequisite: BSC 22700 or HFS 20700. Corequisite: Taken in conjunction with HFS 20400. Offered: Fall.

HFS 20700 - Human Anatomy and Physiology (4)

GE-Natural Science with Lab This course is a study of the structure and function of the human skeletal, muscular, nervous, digestive, respiratory, and circulatory systems. This course cannot be taken by Athletic Training and Exercise Science majors. Lab fee required.

Prerequisite: BSC 10000 or BSC 24400 with a C or better. Offered: Fall/Spring.

HFS 21500 - Introduction to Health and Fitness Sciences (3)

This course is an introduction to the foundational information in the fields of athletic training, exercise science, health promotion, recreation, physical education, and wellness. Course topics and activities include exploration of the general concepts, goals, professional organizations and certifications, sub-disciplines, and career employment opportunities. Not open to students with credit in AT 28500, EXS 25000, or REC 10200.

HFS 22000 - Motor Learning and Rhythmic Activity (3)

GE-Social Science/Human Diversity This course is designed to show the process and factors related to the acquisition and performance of motor skills and effective application to rhythmic activity teaching methods.

Prerequisite: PE 15000 or EXS 25000. Offered: Fall/Spring.

HFS 24300 - Professional Associations and Conferences (1)

This course is designed to introduce the student to professional associations and the benefits of membership

and attendance at conferences. The course will include attending a conference where students will be able to interact with practitioners and learn about current trends pertaining to the profession. Networking and session selection techniques will be discussed. This course is repeatable for credit up to four times.

HFS 27000 - Elderly Fitness Programming (2)

This course will provide students with knowledge and practical application of exercise testing and prescription of the elderly population. This course will provide program evaluation, planning, and modifying of activities to allow the elderly population to be successful in functional exercises. This course is repeatable for credit up to four times.

Offered: Fall/Spring.

HFS 30000 - Health and Well-Being in Society (3)

This on-line course is designed to give a broad overview of the many dimensions of health promotion, care, and legislation. Topics covered include health organizations, communicable and chronic diseases, socioeconomic issues, environmental issues, and other topics related to epidemiology.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

HFS 30500 - Measurement and Evaluation in Physical Education (3)

This course is a survey of the development, evaluation, and application of tests in health and physical education. The use and interpretation of statistical techniques in terms of strengths and weaknesses are considered. Not open to students with credit in REC 30500. Lab fee required.

Prerequisite: EXS 25000, HFS 21500, PE 15000 or REC 20600. Offered: Fall/Spring.

HFS 31000 - Kinesiology of Physical Education (3)

The course will study the anatomical and mechanical phenomenon which underlie human motion. The student will learn to undertake a systematic approach to the analysis of motor skill activities and exercise programs and acquire experience in applying that knowledge to the execution and evaluation of both the performer and the performance in the clinical and educational milieu.

Prerequisite: BSC 22700 or HFS 20700. Offered: Fall/Spring.

HFS 33000 - Recreation, Sport, and Fitness Administration (3)

This course will provide a comprehensive overview of administrative aspects for recreation, sport, and fitness professionals. Leadership styles, financial management, employee development, volunteer management, evaluations, and safety issues will be discussed. This course is not open to students with credit in EXS 30000, REC 41000, or PE 34900.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Cross-Listed as: REC 41000.

HFS 34000 - Mental Health and Resiliency Techniques (3)

This course will explore the psychological and physiological nature of stress as it relates to the body and its role in health-related disease. The impact of stress on one's physical, mental, emotional, social, and spiritual well-being will also be discussed. Students will research and investigate the role of resilient behaviors in managing life events and experience various coping strategies and relaxation techniques through active participation in these life skills.

Prerequisite: ENGL 17000. Offered: Spring/Summer.

HFS 35000 - Practicum (1-3)

This course provides students with professional experiences in the fields of health, fitness, wellness, and/or recreation. Fifty on-site hours are required for each credit hour earned. The practicum site must be approved by the instructor. This course is repeatable for credit. Lab fee required.

Prerequisite: AT 28500, EXS 25000, HFS 21500 or REC 31000. Cross-Listed as: REC 38500.

HFS 40000 - Adapted Physical Education (3)

The outcome of this course is to produce an individual who is capable of teaching students with various disabilities who are integrated into regular physical education classes. The individual will also have the knowledge to provide an adapted physical education program for more severely disabled students in an appropriate atmosphere. This will be accomplished by requiring appropriate modifications for activities. Inclusion methods, philosophies, and community based opportunities are offered and discussed.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

HFS 43500 - Health Sciences Seminar (1)

This course is designed to assist students in professional development by improving skills in communication, self-promotion, and leadership in the framework of current issues facing professionals in the exercise science field.

Prerequisite: Junior or senior standing. Offered: Fall/Spring.

HFS 45000 - Internship (3-6)

This course provides students with professional experiences in the fields of health, fitness, and wellness. 50 on-site hours are required for each credit hour earned. The internship site must be approved by the instructor. Lab fee may be required.

Prerequisite: EXS 41000.

HIST-History

HIST 10000 - World History: The Ancient and Medieval World (3)

GE-Human Culture: World History/Human Diversity World History: The Ancient and Medieval World is an introduction to your past—from the earliest writings of your human ancestors to the dawning of the modern world. If you've ever wondered why Columbus was looking for India (of all places) or why kings wore crowns or why Egyptians built pyramids (instead of aqueducts or a Great Wall), then this course is for you. You'll not only learn about the distinct cultures that emerged in the Americas, Europe, Asia, and Africa but also how the peoples of those cultures interacted with one another. You simply can't make sense of the world you live in without this course.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall.

HIST 10100 - World History: Empires and Exchanges since 1500 (3)

GE-Human Culture: World History/Human Diversity Why was Columbus looking for Asia? Why did more African slaves go to Brazil than to the United States? How could anyone have supported Hitler's rise to power? Is globalization new? And what do these historical events have to do with you? A British novelist once quipped, "The past is a foreign country; they do things differently there." But you cannot understand the world that you've inherited unless you understand its origins. This course will provide you with a bird's-eye-view of the last five centuries of human history, tracing the global political, economic, and cultural events that have shaped the contemporary globalized world in which you live.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring/Summer.

HIST 10200 - World History: Revolutions in the Modern World (3)

GE-Human Culture: World History/Human Diversity When is a revolution successful? Does it have to be violent? In this class, you will examine the history of modern revolutions in the Americas, Africa, Asia, and Europe to answer these questions and understand world history since 1500. Topics may include declaring independence, communism, human rights, race, and gender.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring/Summer.

HIST 11100 - US History: Colony to New Republic (3)

GE-Human Culture: US History/Government Discover how the story of America begins. Your journey starts with the colonial origins of the United States and concludes

with Hamilton, Jefferson, and the new republic. You will explore politics, economics, and the development of America as a new nation.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring.

HIST 11200 - US History: New Republic to World Power (3)

GE-Human Culture: US History/Government Discover how the story of America unfolds in the nineteenth century. Your journey starts with the constitutional origins of the United States, traverses the horrors of the Civil War, and concludes with the progressive era at the dawn of World War I. You will explore politics, economics, and the emergence of America as a world power.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring.

HIST 11300 - US History: The American Century (3)

GE-Human Culture: US History/Government Discover how America confronts the modern world. Your journey starts with the entrance of the United States into World War I and concludes with the turmoil of the early twenty-first century. You will explore politics, economics, and the social foundations of America in an uncertain time.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring.

HIST 11400 - US History: America through Business and Labor (3)

GE-Human Culture: US History/Government Calvin Coolidge famously noted that "the chief business of the American people is business." You will explore the history of American business and its workers. You will learn how economic factors shaped the lives of Americans and the work they do and the products they make and use. It's about Christopher Columbus, Steve Jobs, Jeff Bezos, and everyone in between.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall.

HIST 11500 - US History: America through Gender (3)

GE-Human Culture: US History/Government/Human Diversity How has the legacy of gender shaped American culture today? How did women and men challenge social, economic, and political gender expectations over time? And what happened when they did? You will uncover ways the construction of gender changed through history and how those changes transformed America.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall.

HIST 11600 - US History: America through the History of Race (3)

GE-Human Culture: US History/Government/Human Diversity Why does race still matter in America? What is the legacy of slavery? Why did policies toward Native peoples lead to reservations? Was America ever a melting pot? You will explore how race, ethnicity, and migration shaped the past and continue to shape our present.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Spring.

HIST 11700 - US History: American Military History through World War II (3)

GE-Human Culture: US History/Government Study the role of the military in American life during war and peace from colonial times through World War II. You will explore the tactical, strategic, political, economic, social contexts, and technological developments and how they are important to understanding the causes, conduct, and consequences of war.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall.

HIST 11701 - US History: American Military History since 1941 (3)

GE-Human Culture: US History/Government Study the role of the military in American life during war and peace from 1941 to the present. You will explore the tactical, strategic, political, economic, social contexts, and technological developments and how they are important to understanding the causes, conduct, and consequences of war.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Spring.

HIST 11800 - US History: The History of Food (3)

GE-Human Culture: US History/Government Food is more than sustenance--it is our culture. The foods you eat, the ways you prepare them, and their availability provide a window into the culture of the people growing, making, shipping, and consuming what you eat. In this course, you might (literally) eat your homework as you learn how what we eat has changed over time.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000.

HIST 11900 - US History: The History of Death and Mourning (3)

GE-Human Culture: US History/Government They say that death is the great equalizer. But what do our approaches to death say about our history? How do war, religion, urbanization, and industrialization intersect in the "cities of the dead"? You will explore the ways Americans have commemorated and thought about cemeteries and mourning practices to better understand the history of the United States.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000.

HIST 12000 - US History: America through Sport (3)

GE-Human Culture: US History/Government Discover how the history of American sport mirrors the history of America. Your journey starts in colonial times and ends in the present. You will examine sport in the political, economic, social and cultural life of the nation.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring.

HIST 12100 - US History: The 1960s (3)

GE-Human Culture: US History/Government In this course, you will examine political, social, racial, and cultural changes to the United States in the turbulent decade of the 1960s. It will begin by describing the consensus that existed in the 1950s, and will then explore such topics as the civil rights movement, the women's movement, the expansion of the welfare state, the war in Vietnam, and the growth of a counter-culture. This course seeks to encourage critical thinking about the many sources we will examine.

Prerequisite: ENGL 15000 with a C or better or concurrent enrollment. Offered: Spring.

HIST 15500 - US Government: Politics and History (3)

GE-Human Culture: US History/Government Explore the form, function, and growth of the United States government from its beginnings to today. You will learn how the US government has changed over time to become the government we live with today. You will also get an overview of the constitution as you figure out how our government actually works.

Prerequisite: ENGL 15000 or placement in ENGL 15000 or EPP 15000 or placement in EPP 15000. Offered: Fall/Spring.

HIST 20100 - Historical Methods (3)

This class examines the tools and techniques of historical writing and interpretation of history and acts as an introduction to historical methods, source problems, bibliographical aids, source criticism, and use of related techniques. The nature and sources of primary and secondary evidence, as well as historical discourse, will also be examined and utilized in the papers produced for the course.

Prerequisite: ENGL 17000 with a C or better; HIST 10100, HIST 11200, or HIST 11300. Offered: Fall/Spring.

HIST 24100 - Reformation to Revolution (3)

GE-Human Culture: Foreign Culture/Human Diversity This course begins with a survey of the medieval background followed by intensive study of major themes of the evolution of European society from the Renaissance

to the end of the Napoleonic era. Historiography and bibliographical research are integral to the course.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Fall/Spring.

HIST 24200 - Waterloo to World War II (3)
GE-Human Culture: Foreign Culture/Human

Diversity This course covers European history from the end of the French Revolution to World War II.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Fall/Spring.

HIST 24400 - The Nazi State (3)

GE-Human Culture: Foreign Culture/Human

Diversity How did a group of people with ideas that were considered extreme come to power in a civilized country? How did they overthrow the political system itself? How did they drag much of the world into a war that few people wanted? Hermann Goering asserted that "It is the leaders of a country who determine the policy, and it is always a simple matter to drag the people along....All you have to do is tell them they are being attacked, and denounce the pacifists for lack of patriotism and exposing the country to danger. It works the same in every country." You will consider this and more as you study the history of the Nazi state and how their past affects Germany today.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Spring.

HIST 24500 - History of the British Isles (3)

GE-Human Culture: Foreign Culture/Human

Diversity Did King Arthur really live? Where did the form of government valued by much of the world today come from? How did a small island come to be master of the world? In this course you will trace the political, social, and economic evolution of the British Isles, especially England and Scotland.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Spring.

HIST 26100 - History of the Contemporary World (3)

GE-Human Culture: World History/Human

Diversity This course studies the history of the world since 1945, the end of World War II. It focuses on the post-1945 super-power rivalry, decolonization, the collapse of European communism, and revolution in the Third World. Areas of emphasis include globalization, terrorism, revolutions, the Indochinese wars, Middle East conflicts, and the origins of the 21st-century world. The course may be taken for honors credit with the instructor's consent.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Fall/Spring.

HIST 26300 - History of Latin America (3)

GE-Human Culture: Foreign Culture/Human

Diversity Who is Latin American? What is Latin America? And why should those of us in the United States care? In

this class, you will examine the history of Latin America to understand the diverse racial, cultural, gendered, and national experiences that shape Latin America today as you examine the region's importance to the U.S.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Fall.

HIST 26400 - History of Asia (3)

GE-Human Culture: Foreign Culture/Human

Diversity This survey explores the history of South, Southeast, and East Asia from the earliest times to the present.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Spring.

HIST 28000-28099 - Selected Topics (3)

This course is a study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in the course schedule.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment.

HIST 28100-28199 - Selected Topics (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course is a study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary. Prerequisites vary by topic and will be noted in the course schedule.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment.

HIST 30100 - Applied History (3-6)

This course is designed to provide students with opportunities to practically apply historians' skills on projects with campus-related collections including the museum, archives, and the Boone site. The course is repeatable.

Prerequisite: HIST 20100; junior standing. Offered: Fall/Spring.

HIST 30200 - Public History (3)

This course is designed to introduce history majors, prospective history majors, and other interested undergraduates to career possibilities in public history. The course studies the various ways in which historians work outside the classroom in arenas that allow their work to be read, seen, heard, and interpreted by popular audiences. This course will focus on five different but related areas: archives, museums, historic preservation, historic sites, and media. Students will study the history of each of these areas, the theories that support them, and some aspects of the work involved. In addition, students will study controversies and ethical problems that public historians have faced. Not open to students with credit in AST 30200.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment. Offered: Fall.

HIST 32000 - America: The Search for a More Perfect Union (3)

GE-Human Culture: US History/Government This class will give students an overview of the evolution of events, ideas, and trends as Americans in the nineteenth century sought to fulfill the Constitutional promise of creating “a more perfect union.” Through documents, laws, literature, speeches, and visual culture students will explore the development of the ideas and events that shaped the United States of the twentieth—and twenty-first—centuries.

Prerequisite: ENGL 17000 with a C or better. Cross-Listed as: AST 32000.

HIST 32100 - The Origins of the United States to 1800 (3)

This class is a one-semester survey of North America from its pre-Columbian origins to the election of 1800. It will focus on the creation of British North America, the development of slavery, US political institutions, the Revolution, and the formation of the American Republic.

Prerequisite: ENGL 17000 with a C or better; junior standing.

HIST 32200 - The Age of Jackson (3)

When he won the election of 1828, Andrew Jackson rose as an emblem of the age. The era in which Jackson lived was one of change in America, a transformation from the days of the founding fathers that was marked by revolutions in industry and transportation, westward expansion, the emergence of a new political and partisan order, and new calls for reforms in the social and political order. This course will examine the period in American history that bears the name of the seventh president; the reasons Jackson became such a symbol of the period, and the issues and events leading to the era we call the Age of Jackson and its aftermath.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 32300 - The Civil War and Reconstruction (3)

This course examines the great schism in American history and focuses on the events immediately preceding the start of the war, the military, social, and political aspects of the war, and the political and social ramifications of the immediate post-war period.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall.

HIST 32400 - The Growth of Modern America, 1877-1914 (3)

This course spans American history from the end of Reconstruction (1877) to 1914. Its main focus is on the social, political, economic, and cultural aspects of the period with particular emphasis on the role of the period in

shaping modern-day America. This course utilizes the period to examine the development and impact of industrialization, urbanization, technology, and transportation on the United States; the rise of consumer culture; changing ideologies; and reform movements.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 32500 - The United States 1918-1945: Prosperity, Depression, and War (3)

The course examines this era of revolutionary social, cultural and political transformation between the wars. Topics include the economic boom and Cultural Revolution of the 1920s, the Great Depression and the New Deal, and the World War II home front.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 32600 - The United States in the Age of the Cold War (3)

This course will explore the history of the United States from 1945 to 1990. It will focus not only on the expanding conflict with the Soviet Union but also with domestic developments during the post-World War II period. Topics will include the Korean and Vietnam Wars, the Civil Rights Movement, the Arms and Space Races, the Great Society and the fall of the U.S.S.R.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 33100 - History of Gender in America (3)

This course is a one semester study of gender in the development of the US from the colonial period to the present. Students will consider both how the environment shaped the role of gender and how gender has influenced America.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 33200 - A Biography of the Constitution (3)

This course is a one semester study of the development of US and British political and constitutional thought from their British origins to the present and will focus on the development of both constitutions and the development and shifts in political philosophies.

Prerequisite: ENGL 17000 with a C or better; junior standing.

HIST 33300 - The American West 1830-1960 (3)

This course traces the transformation of the American West and how the realities and myths of westward movement shaped us as a nation from the 1830s through World War II. We will explore the clashes of culture with each wave of migration into the trans-Mississippi West along with the role and effects of the environment in western development.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall.

HIST 33400 - History of Race in America (3)

The United States remains a nation of peoples from different races, ethnic groups, and nationalities whose cultural backgrounds and American responses to them have shaped the nation's history and culture. The course will focus on the role and experiences of African-Americans, American Indians, Hispanics, immigrants, and Asians to gain a greater understanding of the ideas, traditions, and events that have shaped the ways people of different backgrounds live in America.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall.

HIST 34100 - Church and State in Early Modern Europe (3)

This class will examine the evolving relationship between the Roman Catholic and Protestant Churches and emerging nation-states of Europe. Areas of emphasis will include the political and religious implications of the Protestant and Catholic Reformations of the 16th century, the emergence of unified nation-states, and the relationship between the rise of science and rational inquiry and traditional views of political and religious authority.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 34200 - The Civilization of Industrialism (3) GE-Human Culture: Foreign Culture/Human

Diversity What happens when the economy changes? Who wins? Who loses? What happens to the losers? How do the winners react to their new status and economic clout? In this course you will follow the changes that came to peoples' lives as the industrial revolution changed the economy, society, and politics in the 18th and 19th centuries in Great Britain and elsewhere.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall.

HIST 34300 - The Soviet Union and European Communism (3)

What was the Soviet Union? What did the Communists want to do there? How and why did it all fall apart? You will answer all of these questions and more as you study the history of the Soviet Union, from the experiences of the Soviet peoples to the impact that the rise to power of the Communists had on the world outside of the Soviet Union.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall.

HIST 34400 - War and Society in the Twentieth Century (3)

This course will examine the causes, onsets, course, and results of the two World Wars on the twentieth-century world. The focus of the course will be on Europe, but it

will include the involvement of the non-European world and the impact of the two wars on world society.

Prerequisite: ENGL 17000 with a C or better; junior standing.

HIST 36100 - Missionaries, Militaries and Merchants in the Early Modern World (3)

This upper division history course focuses on the global interaction of people groups that occurred during the early modern period. It considers the nuances and varieties of interactions--cultural, religious, political, economic, demographic, environmental, and social--that occurred after the exploratory voyages of the fifteenth century. After providing an overview of the ensuing encounters, exchanges, and negotiations, the course will focus on the experience of one or two world regions, considering how those areas of the world shaped and were, in turn, shaped by the era of early modern globalization.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall.

HIST 36200 - The Atlantic World (3)

GE-Human Culture: World History/Human

Diversity What is the Atlantic world? Who made it? In this class, you will answer these questions by examining the political, social, economic, and cultural interactions among the people of Africa, the Americas, and Europe since 1400. Themes include slavery and abolition, the origins of modern racism, European colonialism in the Americas and Africa, and the history of capitalism.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 36300 - Revolution in the Modern World (3)

GE-Human Culture: World History/Human

Diversity Why do people revolt? Why have so many people across the globe turned to communism? In this seminar, you will examine the history of revolutionary thought and practice beginning with the American Revolution. We will discuss revolutions in the United States, Latin America, Europe, Africa, and Asia.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Spring.

HIST 38000-38099 - Selected Topics (3)

This course is a concentrated study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary.

Prerequisite: ENGL 17000 with a C or better.

HIST 38100-38199 - Selected Topics (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course is a concentrated study of a specific topic, time period, geographical area, or civilization. It may be repeated as topics vary.

Prerequisite: ENGL 17000 with a C or better.

HIST 40100 - History Internship (3-6)

This course provides students with opportunities to practically apply historians' skills in the work world. Students will be exposed to a range of professional opportunities including museums, archives, and historical sites. The course is repeatable.

Prerequisite: HIST 20100; junior standing; and minimum 3.0 GPA. Offered: Fall/Spring.

HIST 48100 - Senior Seminar in History (3)

Students will demonstrate proficiency in United States, European, and World history via written examinations and in research methods via a written project.

Prerequisite: ENGL 17000 with a C or better; history program of study; minimum 2.00 GPA in major courses; and senior standing. Offered: Fall/Spring.

HM - Health Management**HM 30100 - Ethical Issues in Healthcare Management (3)**

Issues and problems that arise within the healthcare field will be reviewed and discussed. Lab fee may be required.

Prerequisite: ENGL 17000.

HM 30200 - Healthcare Management (3)

This course examines the development of the understanding of healthcare organizations and the decision-making skills required in management positions. The origins and functions of various health systems in the U.S. are reviewed and discussed. Lab fee may be required.

Prerequisite: ENGL 17000; MGMT 26032.

HM 31010 - Healthcare Financial Management (3)

This course introduces health management students to the information framework used by healthcare organizations to collect, maintain, and report financial information. Special emphasis will be given to transaction analysis and the resulting effect on the accounting equation. Financial statement analysis and the differences between for-profit and not-for-profit healthcare organizations will be stressed. Lab fee may be required.

Prerequisite: ACCT 21010; FIN 32000.

HM 32000 - Healthcare Finance and Economics (3)

This course examines the economics of healthcare, the differences between the healthcare marketplace and other industries, and the various financing mechanisms/organizing principles and their histories in the healthcare marketplace like Medicare, Medicaid, and the Affordable Care Act. Lab fee may be required.

Prerequisite: ECON 23020; FIN 32000.

HM 33300 - Legal Issues in Healthcare (3)

This course begins with an extensive overview of the major issues in health law and continues with a broad discussion of the legal system and the sources of its statutory laws, rules, regulations, and guidelines. This course will include a basic review of tort law, criminal law, contract law, civil procedure, and trial practice. Lab fee may be required.

Prerequisite: MGMT 26061.

HM 44000 - Long-Term Care and Ethics (3)

This course focuses on the various institutions and financing mechanisms of long-term care at the state and federal levels. Topics will also include ethical issues that arise in the provision of long-term care such as end-of-life care and assisted suicide. Lab fee may be required.

Prerequisite: ENGL 17000.

HM 44100 - Social Policy in Gerontology (3)

This course focuses on the political forces that shape official policies toward aging in America at all levels of government, with emphasis on federal policies. Through the use of selected examples, the students will examine the impact of political-vested interested in shaping the enactment and implementation of legislation for the elderly. Topics include retirement income, housing subsidies, age discrimination, the Older Americans Act, and state and local programs. Lab fee may be required.

Prerequisite: ENGL 17000.

HM 44200 - Multi-disciplinary Perspective in Gerontology (3)

This course will explore various "hot button" ethical practice issues that professionals and caregivers encounter in providing long-term care (LTC). Topics explored will include, but are not limited to, end-of-life preferences and preparation, intimacy and sexuality, autonomy, safety, cross cultural issues, and access to spiritual and religious practices. Lab fee may be required.

HM 44300 - Geriatric Assessment (3)

This course covers the evaluation of geriatric patients, both mentally and physically. Additionally, students will be introduced to management strategies of the healthcare maintenance needs of geriatric patients. Lab fee may be required.

Prerequisite: HM 44000; HM 44100; HM 44200.

HM 44400 - Community Resources for Gerontology (3)

This course introduces students to resources available to practitioners and caregivers on such issues as healthcare benefits, elder abuse, long-term care, housing, mental health, transportation, volunteer and intergenerational programs education, employment, nutrition, and wellness in the elderly. Lab fee may be required.

Prerequisite: HM 44000; HM 44100; HM 44200.

HM 46000 - Healthcare Delivery, Policy and Research (3)

Students are challenged to understand the dynamics of the healthcare industry and the impact that it has on the nation's and world's economy. Students will identify the health policies that have impacted healthcare delivery past and present and the current state of the health environment. Students will be required to identify and define policies that are currently under consideration in Congress and what the future impact will be on the healthcare organizations. Lab fee may be required.

Prerequisite: HM 32000; HM 33300.

HM 48700 - Contemporary and Critical Issues in Healthcare Management (3)

This course represents an expansion of the current three-hour capstone course and will address extant issues in the healthcare industry that may affect healthcare management. Topics to be covered include the Affordable Care Act (and periodic updates/roll-outs), Medicaid expansion, Medicare rule changes, physician/hospital relationships, and the provision of care to those without any insurance. Topics will be added according to changes in healthcare. Lab fee may be required.

Prerequisite: HM 31010; HM 33300.

HM 48900 - Health Management Capstone (3)

This course culminates the undergraduate student's educational experience in becoming a highly effective healthcare supervisor or manager and serves to synthesize and integrates the student's educational experience while analyzing the practices and problems confronting today's healthcare managers. Lab fee may be required.

Prerequisite: HM 31010; HM 33300; senior standing.

HRM - Human Resource Management

HRM 31200-31299 - Directed Studies in Human Resources (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

HRM 36510 - Human Resource Management (3)

This course examines human resource functions related to business organizations, including job descriptions, recruiting and selecting, training and development, performance management, compensation, labor management relations, and strategic planning. Lab fee may be required.

Prerequisite: ENGL 17000 and MGMT 26032 with a C or better; MGMT 26032 may be taken concurrently with HRM 36510. Offered: Fall/Spring.

HRM 36520 - Labor Relations (3)

This introductory course in labor relations covers labor history, legal foundations, growth of unions, certification, governmental roles, legal issues, collective bargaining, contracts, work stoppages, decertification, protected activity, worker-employer rights, grievance administration, NLRB role, and major labor acts. Lab fee may be required.

Prerequisite: HRM 36510 or MGMT 26032. Offered: Fall.

HRM 36530 - Employee Training and Development (3)

This course is a specialized study of training in organizations, including needs analysis, learning theory, management development, and development of training objectives and programs. Methods of field-based research techniques and evaluation of training programs are included. Projects and exercises supplement readings. Lab fee may be required.

Prerequisite: ENGL 17000 and HRM 36510 with a C or better; HRM 36510 may be taken concurrently with HRM 36530.

HRM 36535 - Talent Management (3)

This course covers talent valuation, needs analysis, acquisition, selection, on-boarding, coaching, skill development, training, succession planning, performance management, talent tracking, and leadership development, along with the mechanics of training plans, program design, training methods, and evaluation. Lab fee may be required.

Prerequisite: ENGL 17000 and MGMT 26032 with a C or better; MGMT 26032 may be taken concurrently with HRM 36535.

HRM 36540 - Employment Law (3)

This course examines basic law as it applies to personnel situations. Students study equal employment, affirmative action, employment-at-will, constructive and unlawful discharge, wage and hours issues, mandatory benefits, workers compensation, protected classes, disability issues, workplace accommodation, and record-keeping requirements. Lab fee may be required.

Prerequisite: ENGL 17000 and MGMT 26032 with a C or better; MGMT 26032 may be taken concurrently with HRM 36540. Offered: Fall/Spring.

HRM 36545 - Employee Selection (3)

This course covers employee hiring and selection, talent valuation, needs analysis, acquisition, selection, on-boarding, coaching, skill development, training, succession planning, performance management, talent tracking, and leadership development, along with the mechanics of training plans, program design, training methods, and evaluation. Lab fee may be required.

Prerequisite: ENGL 17000 and HRM 36510 with a C or better; HRM 36510 may be taken concurrently with HRM 36535.

HRM 36550 - Compensation and Benefits (3)

This course is an examination of pay structures, pay systems, parity, comparable worth, the relationship between pay and performance, internal and external equity, executive pay, benefits, and legal issues. Lab fee may be required.

Prerequisite: ENGL 17000 and MGMT 26032 with a C or better. Offered: Fall.

HRM 36560 - Implementing and Managing Diversity (3)

This course aims to increase the awareness and dimension of diversity in the work place. Areas of study will include the value of diversity and communicating its importance in the work place, the changing organization, strategies for implementing diversity, and managing a diverse organization. Lab fee may be required.

Prerequisite: ENGL 17000 and HRM 36510 with a C or better; HRM 36510 may be taken concurrently with HRM 36560.

HRM 36570 - Human Resource Information Systems (3)

Topics covered in this course include the evolution of Human Resources and Information Systems, needs and types of HR information systems, the functionality of the HRIS manager, database management concepts, system planning, and integration. Additional topics include organizational needs assessment, system design, and cost management. An emphasis on project management themes based upon needs assessment will include real-world case studies and problem-solving exercises. The course will conclude with specific HRIS applications to the HR business competencies in staffing, applicant tracking, performance management, compensation and benefits, and employee self-service. Lab fee may be required.

Prerequisite: HRM 36510; MTH 14100 or MTH 24100. Offered: Fall/Spring/Summer.

HRM 39000-39999 - Special Topics in Human Resource Management (1-3)

HRM 41200-41299 - Directed Studies in Human Resources (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

HRM 46595 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society. This course is graded on a pass/fail basis.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

HRM 46596 - Internship II (1-6)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: HRM 46595 with a P.

HRM 46599 - Human Resource Management Capstone (3)

This is the capstone class for student completing a major in human resource management. The course includes a comprehensive review of HR topics, paired with application and analysis of such topics, including talent management and workforce planning, strategy, training and development, total rewards, employment law, and employee and labor relations. Lab fee may be required.

Prerequisite: HRM 36510; senior standing. Offered: Spring.

HRM 49000-49999 - Special Topics in Human Resource Management (1-3)

ICS - Cybersecurity

ICS 19900-19999 - Special Topics and Independent Study Courses in Cybersecurity (1-6)

ICS 21300 - Foundations of Information Technology (3-4)

This course will give students foundational knowledge in Information Technology. Topics covered will include the topics tested in the ITIL – Foundations certification. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

ICS 21400 - Foundations of Networking (3)

This course will give students foundational knowledge in cybersecurity. Topics covered will include the topics tested in the CompTIA Network+ certification. Extra study and experience may be required outside of the course work to

prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

ICS 29900-29999 - Special Topics and Independent Study Courses in Cybersecurity (1-6)

ICS 31000 - Foundations of Cybersecurity (3)

This course will give students foundational knowledge in cybersecurity. Topics covered will include the topics tested in the CompTIA Security+ certification. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

ICS 31100 - Cisco V-Implementing Cisco Security (5)

This course covers the knowledge of secure Cisco network infrastructure, understanding core security concepts, managing secure access, VPN encryption, firewalls, intrusion prevention, web and email content security, and endpoint security. This exam validates skills for installation, troubleshooting, and monitoring of a secure network to maintain integrity, confidentiality, and availability of data and devices. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the Cisco examination. Taking this course alone does not guarantee the student will pass the Cisco examination.

Prerequisite: ICS 32500; ICS 32600.

ICS 31200 - Cisco VI-Network Infrastructure Design (5)

This course requires a foundation or apprentice knowledge of network design for enterprise network architectures. Students will design routed and switched network infrastructures and services involving LAN/WAN technologies for SMB or basic enterprise campus and branch networks. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the Cisco examination. Taking this course alone does not guarantee the student will pass the Cisco examination.

Prerequisite: ICS 32500; ICS 32600.

ICS 32300 - Cisco I-Introduction to Networks (5)

This course is the first of two courses which covers the knowledge and skills required to successfully install, operate, and troubleshoot a small branch office network. The course includes topics on the Operation of IP Data Networks; LAN Switching Technologies; IP Addressing (IPv4 & IPv6); IP Routing Technologies; IP Services (DHCP, NAT, ACLs); Network Device Security; Basic Troubleshooting. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the Cisco examination. Taking this course alone does not guarantee the student will pass the Cisco examination.

Prerequisite: ICS 21400.

ICS 32301 - Introduction to Networks Lab (1)

This lab course will give students practical experience to support the learning objectives taught in ICS 32300 Cisco I – Introduction to Networks. Students will practice skills, either virtually online or hands-on, required to successfully install, operate, and troubleshoot a small branch office network.

Prerequisite: ICS 21400. Corequisite: ICS 32300. Offered: Fall/Spring/Summer.

ICS 32400 - Cisco II-Routing and Switching Essentials (5)

This course is the second of two courses which covers the knowledge and skills required to successfully install, operate, and troubleshoot a small branch office network. The course includes topics on the Operation of IP Data Networks; LAN Switching Technologies; IP Addressing (IPv4 & IPv6); IP Routing Technologies; IP Services (DHCP, NAT, ACLs); Network Device Security; Basic Troubleshooting. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the Cisco examination. Taking this course alone does not guarantee the student will pass the Cisco examination.

Prerequisite: ICS 32300.

ICS 32401 - Routing and Switching Lab (1)

This lab course will give students practical experience to support the learning objectives taught in ICS 32400 Cisco II – Routing and Switching Essentials. Students will practice skills, either virtually online or hands-on, required to successfully configure and troubleshoot switches and routers in a small branch office network.

Prerequisite: ICS 32300. Corequisite: ICS 32400. Offered: Fall/Spring/Summer.

ICS 32500 - Cisco III-Scaling Networks (5)

This course is the first of two courses which covers the knowledge and skills required to successfully install, operate, and troubleshoot a small to medium-size enterprise branch network. The course includes topics on LAN switching technologies, IP routing technologies, IP services (FHRP, syslog, SNMP v2 and v3), troubleshooting, and WAN technologies. Extra study and experience may be required outside of the course work to prepare the student to pass the examination. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the Cisco examination. Taking this course alone does not guarantee the student will pass the Cisco examination.

Prerequisite: ICS 32400.

ICS 32501 - Scaling Networks Lab (1)

This lab course will give students practical experience to support the learning objectives taught in ICS 32500 Cisco III – Scaling Networks. Students will practice skills, either virtually online or hands-on, required to successfully work with LAN switching technologies, IP routing technologies, IP services (FHRP, syslog, SNMP v2 and v3), troubleshooting, and WAN technologies.

Prerequisite: ICS 32400. Corequisite: ICS 32500. Offered: Fall/Spring/Summer.

ICS 32600 - Cisco IV-Connecting Networks (5)

This course is the second of two courses which covers the knowledge and skills required to successfully install, operate, and troubleshoot a small to medium-size enterprise branch network. The course includes topics on LAN switching technologies, IP routing technologies, IP services (FHRP, syslog, SNMP v2 and v3), troubleshooting, and WAN technologies. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the Cisco examination. Taking this course alone does not guarantee the student will pass the Cisco examination.

Prerequisite: ICS 32500.

ICS 32601 - Connecting Networks Lab (1)

This lab course will give students practical experience to support the learning objectives taught in ICS 32600 Cisco IV – Connecting Networks. Students will practice skills, either virtually online or hands-on, required to successfully

configure and troubleshoot LAN, WAN, IP routing, and IP services (FHRP, syslog, SNMP v2 and v3).

Prerequisite: ICS 32500. Corequisite: ICS 32600. Offered: Fall/Spring/Summer.

ICS 32700 - Network and Cloud Security (3)

This course provides students with insights into securing enterprise networks including the cloud. Basic techniques and tools for securing a network and the cloud will be explored. Physical security, data security, and specific network and cloud security concerns and vulnerabilities, as well as security best practices, will be explored.

Prerequisite: ICS 21400; ICS 31000. Offered: Fall/Spring/Summer.

ICS 32800 - Digital Forensics and Cyber Investigation (3)

This course focuses on the use of the most popular forensics tools and provides specific guidance on dealing with civil and criminal matters relating to the law and technology. The course will include discussions on how to manage a digital forensics operation in today's business environment. Some topics covered includes, Data Acquisition, Live Acquisitions, E-Mails and Social Media Investigations.

Prerequisite: ICS 32700. Offered: Fall/Spring/Summer.

ICS 39900-39999 - Special Topics and Independent Study Courses in Cybersecurity (1-6)

ICS 41100 - Microsoft Windows Server Installation & Configuration (3)

This course will give students intermediate knowledge related to installation and configuration of Microsoft Windows Server. Topics covered will include the topics tested in the Microsoft 70- 740 certification. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

Prerequisite: ICS 22000.

ICS 41200 - Linux Server Installation & Configuration (3)

This course will give students intermediate knowledge related to installation and configuration of Linux Server. Topics covered will include the topics tested in the CompTIA Linux+ certification. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

Prerequisite: ICS 22000.

ICS 41400 - Microsoft Server Identity Administration (3)

This course will give students intermediate knowledge related to server identity administration. Topics covered will include the topics tested in the Microsoft 70-742 certification. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

Prerequisite: ICS 41100.

ICS 42100 - Ethical Hacking (3)

This course will introduce students to computer incident response and computer forensics. Topics covered will include the topics tested in the EC Council Certified Ethical hacker certification. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course alone does not guarantee the student will pass the certification examination.

Prerequisite: ICS 32700.

ICS 42300 - Advanced Penetration Testing (3)

This course educates students in the specific security discipline of computer forensics from a vendor-neutral perspective. Topics covered will include the topics tested in the EC Council Certified Ethical Hacker certification. This course prepares the student to be a practitioner in the network field of Information Technology. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course alone does not guarantee the student will pass the certification examination.

Prerequisite: ICS 42100.

ICS 42400 - Cybersecurity Analysis (3)

This course will give students intermediate knowledge related to the skills necessary to successfully perform the duties of a security analyst. Topics covered will include the topics tested in the EC Council Certified Security Analyst certification. Extra study and experience may be required outside of the course work to prepare the student to pass the certification examination. Taking this course does not guarantee the student will pass the certification examination.

Prerequisite: ICS 42100.

ICS 43200 - Secure Software Development (3)

This course exposes students to the concept of secure software development by teaching them the methods,

techniques, and tools within software development relating to cybersecurity and how they are used to develop software securely. Specific application security configuration techniques and security concepts applicable to each phase of the Software Development Life Cycle (SDLC) will be explored. Security testing and the role of project management in ensuring secure software development will be studied.

Prerequisite: ICS 31000; IIT 21500. Offered: Fall/Spring/Summer.

ICS 43300 - Web Based Application Security (3)

This course covers the techniques and tools for developing, implementing, managing, and/or protecting web applications. Students will study web safety and browser vulnerabilities, privacy concerns, and other web related security issues and concerns. Students will explore how to avoid vulnerabilities in web applications and the tools used to program web application servers. Finally, students will be introduced to the Open Web Application Security Project (OWASP) and its top 10 vulnerabilities.

Prerequisite: ICS 32700; IIT 21500. Offered: Fall/Spring/Summer.

ICS 43400 - Network Management (3)

This course introduces students to the concepts and tools related to management of computer networks. Different standards, architectures, systems, and tools for network management will be explored and students will learn about the five functional areas of network management, which include fault management, configuration management, accounting management, performance management, and security (FCAPS).

Prerequisite: ICS 21400. Offered: Fall/Spring/Summer.

ICS 48900 - Cybersecurity Capstone (3)

This course will be a culminating project course for the student's degree program. The instructor will act as a mentor to guide students through the completion of a portfolio, or other project documents, or an internship that will demonstrate their successful completion of the goals of the degree.

Prerequisite: Must be taken upon completion of all cybersecurity coursework or concurrent with last course. Offered: Fall/Spring/Summer.

ICS 49200-49699 - Special Topics and Independent Study Courses in Cybersecurity (1-6)

IIT - Information Technology

IIT 10000 - Computer Literacy (3)

This course will introduce students to basic computer terminology and computer usage. Topics will include discussion of computer hardware and software components, user functions, file storage and organization,

application usage, the Internet, and information security. This course requires lab time outside of class meeting times.

IIT 19900-19999 - Special Topics in Information Technology (1-6)

IIT 21500 - Programming Logic and Design (3)

This course will introduce students to computer programming concepts and approaches to computer logic. A popular programming language will be used to demonstrate these concepts.

IIT 21800 - C# Application Development (3)

This course provides an introduction to programming using the C# language. Emphasis is placed upon the development of correct, efficient programs that are easy to maintain.

IIT 22000 - Hardware and Operating Systems (3)

This course introduces students to computer operating systems and hardware and the interactions between these two critical components of the functioning and architecture of computers. Common operating systems and hardware issues that could affect the function of computers and how to address them will be analyzed. Additionally, students will learn about different operating systems and how to install and configure them with special attention to security issues, embedded tools and features to ensure security of hardware and operating systems.

Offered: Fall/Spring/Summer.

IIT 29900-29999 - Special Topics in Information Technology (1-6)

IIT 31400 - Agile Software Development (3)

This course will introduce to students the introduction of software development methodologies based development, requirements and collaboration between self-organizing cross-functional teams.

Prerequisite: ICS 21300.

IIT 31500 - Java Application Development (3)

This course is designed to give students an introduction to Java programming language. Emphasis will be placed on structure, syntax and fundamentals of Java for applications.

Prerequisite: IIT 21500; IIT 21800; IIT 31900.

IIT 31600 - Advanced C# Application (3)

This course provides an advanced approach to programming using C# language. This course will examine a number of advanced features of the C# programming language.

Prerequisite: IIT 21500; IIT 21800; IIT 31900.

IIT 31900 - Software Development (3)

This course is designed to give the student an introduction to automated testing techniques. Emphasis is placed on course development.

IIT 32100 - Networking Essentials (3)

This class will introduce the student to the basics of designing and implementing a modern computer network. It will include an introduction to the elements of the OSI model, protocols, basic network architectures, and requisite basic hardware.

IIT 32200 - Network Applications (3)

This course is an introduction to computer networks and network operating systems. In series of short, practical problems, students will evaluate, troubleshoot, research, and resolve real-world networking situations. These problems will include operational difficulties, disaster recovery policies and procedures, network maintenance, and end-user training issues.

IIT 32300 - Network Implementation-A Case Study and Simulation (3)

In this class, the students (working in small groups) will design (or modify) a network for a small business or home office. Working within an assigned budget, the group will research requisite equipment, define the network architecture, and present a proposal for implementation that includes a time line, labor costs, and guidelines for training and ongoing support.

IIT 33100 - Project Cost and Schedule Estimating (3)

This course is an introduction to the theory and applications of Project Cost and Schedule Estimating including life cycle cost, staffing profiles, GUI and object metrics, cost by phase and activity, lines of code, and project risks.

IIT 33200 - Fundamentals of Cybersecurity (3)

This course will introduce students to the fundamentals of network security, compliance and operational security, threats and vulnerabilities, application data and host security, access control and identity management, and cryptography.

IIT 33300 - Secure Social Interaction in a Digital World (3)

This course will explore social media and implications for personal and corporate security. Students will develop

policy and procedure for the secure use of social media in enterprise.

IIT 33400 - Ethical Issues in Cybersecurity (3)

This course will discuss information technology law and ethics. Students will investigate real-world cases through a law and ethics filter. Students will develop a personal code of ethics for use as information technology professionals.

Prerequisite: ICS 31000.

IIT 33500 - Blockchain Technology for Business (3)

This course discusses the invention of Bitcoin and Blockchain technology. Blockchain is now entering the business world to enhance transparency, traceability, and efficiency in many areas. The uses for Blockchain are just now being discovered and this course will explore the areas in which Blockchain will enable businesses to compete in the global economy in the future.

Offered: Fall/Spring/Summer.

IIT 34020 - Mobile Applications Programming (3)

This is an introductory hands-on course focused on the creation of web applications for deployment on multiple platforms such as personal computers, tablets, and smartphones. Topics will include connectivity, interface design, application architectures, and programming. Students will gain skills necessary to develop applications that utilize the unique hardware and communication capabilities of a variety of devices. This course is project based and will likely require extensive time commitment outside of class time.

IIT 34025 - Python Programming (3)

This is an introductory hands-on course focused for the use of web programming and providing working knowledge of the Python language. Students will learn the basic concepts of strings, variables, and getting to know data types, loops and conditions of Python.

IIT 34030 - Java Programming (3)

This course is designed to give the student advanced knowledge of the Java programming language. Emphasis will be placed on the fundamental syntax and semantics of Java for applications. Other topics covered will include variables; data types and expressions; control structures including branching and looping; programmer defined classes; arrays; Graphical User Interfaces; and database access. Lab fee required.

IIT 34040 - C++ Programming (3)

This course is designed to provide working knowledge of object oriented programming using C++. Students will learn the basic concepts of object-oriented programming

(OOP) and object-oriented software design. The fundamental control structures of C and C++ will be presented. Students will also learn to build objects using classes, define operations on objects, and use predefined classes in C++.

IIT 34050 - C# Programming (3)

This course provides an introduction to programming using the C# language. Emphasis is placed upon the development of correct, efficient programs that are easy to maintain. Topics include problem analysis, program design, documentation, testing, and debugging. Basic features of the C# programming language are covered.

IIT 35100 - Database Analysis and Design Concepts (3)

This course explains the components of a database system. It stresses data modeling, data normalization, and database design.

Prerequisite: IIT 21500.

IIT 36600 - Fundamentals of Data Center Virtualization (3)

This course will cover the concepts of Data Center Virtualization, including virtual machines, storage, operations, and networking. Availability, scalability, optimization, and management challenges will be addressed. A common virtualization product will be used to demonstrate these challenges and their solutions.

Prerequisite: ICS 21400.

IIT 36700 - Fundamentals of Cloud Computing (3)

This course will provide students with a fundamental understanding of the business challenges can be resolved by cloud computing. Elasticity, efficiency, availability, and management challenges will be addressed. A common virtualization product will be used to demonstrate these challenges and their solutions.

Prerequisite: ICS 21400.

IIT 37700 - Fundamentals of HTML (3)

This course will introduce development concepts as well as HTML/DHTML tags used to create Web pages. Interface design standards, e-Commerce trends, and Web security issues will be discussed.

Prerequisite: IIT 21500.

IIT 37800 - Applications in Web Development (3)

This course will introduce procedures for developing and testing Web pages using the Microsoft Visual Studio. Other development environments will be explored and reasons for choosing one development environment over another will be discussed.

Prerequisite: IIT 37700.

IIT 37900 - Applications in Website Publishing (3)

This course covers the techniques used to implement a website design and will examine the architecture, security, Web-hosting, and usability issues with developing Web-based applications for the World Wide Web.

Prerequisite: (IIT 21500; IIT 21800; IIT 31900) and (IIT 31400; IIT 31500; IIT 31600).

IIT 39900-39999 - Special Topics in Information Technology (1-6)**IIT 41000 - Systems Analysis and Design (3)**

This course exposes students to the concepts of systems analysis and design. Students will study the techniques and tools that are used to analyze an organization's information systems, processes and procedures, and how to design new information systems to achieve organizational goals and objectives.

Prerequisite: ICS 21300. Offered: Fall/Spring/Summer.

IIT 43200 - Project Management Process (3)

A course in the theory of project management involving planning, organizing, staffing, tracking, measurement, and evaluation. Topics include defining projects, developing networks, managing risk, scheduling resources; inter organizational relations, and international projects.

IIT 43300 - Cost and Scheduling Applications (3)

This course emphasizes problem-solving skills needed in project management. The student will be exposed to multiple cost and scheduling systems. Training and problem specific assignments will be given using Microsoft Project.

IIT 45200 - Database Application Implementation (3)

Students will develop a database in this course using Microsoft Office DBMS. The course will cover application design, object based implementation, and foundations of relational implementation.

Prerequisite: IIT 35100.

IIT 45300 - Database Project Implementation (3)

Students will become familiar with Structured Query Language and SQL Server, embedding SQL in host languages, client server and related applications and distributed processing.

Prerequisite: IIT 21500; IIT 21800; IIT 31900.

IIT 47700 - Fundamentals of User Interface Design (3)

This course will introduce the steps involved with analysis and design of web based solutions. Project life cycle concepts will be presented and used as a guideline for the Web project. This course will also cover procedures for testing and debugging Web-based applications.

Prerequisite: IIT 34050; IIT 37700.

IIT 47800 - Applications in Object-Oriented Web Development (3)

This course will introduce object-based programming terminology and concepts. Programming principles will be presented in JavaScript, VBScript, and ASP.NET.

Prerequisite: IIT 34050; IIT 37700.

IIT 47900 - Applications in Multi-Tiered Web Programming (3)

This course will cover the techniques used to implement a multi-tiered Website design. This course will also examine the architecture and programming issues involved with developing distributed client/server applications for the World Wide Web.

Prerequisite: IIT 47800.

IIT 48100 - Project Management in Information Technology (3)

This course prepares students to implement the project management body of knowledge and prepare to perform project management functions. It is an introduction to the theory and applications of project cost and schedule estimating including life cycle cost, staffing profiles, GUI, and objects metrics, and cost by phase and activity, lines of code, and project risks. It is a course in the theory of project management involving planning, organizing, staffing, tracking, measurement, and evaluation. Topics include defining projects, developing networks, managing risk, scheduling resources; inter organizational relations, Agile methods and international projects. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology.

IIT 48200 - Business Analysis in Information Technology (3)

This course provides an opportunity for anyone considering a career in business analysis and who has no prior BA experience to gain a comprehensive understanding of the business analyst role. Students will have the knowledge to perform effectively as an entry-level business analyst. In addition, the student will learn the real-world implications of the technologies as they are actually used in the current technological climate. This course prepares the student to be a practitioner in the network field of Information Technology.

IIT 48900 - Information Technology Capstone (3)

This course will be culminating project course for the student's degree program. The instructor will act as a mentor to guide the students through the completion of a

portfolio or other project document that will demonstrate their successful completion of the goals of the degree. Must be taken upon completion of all information technology coursework or concurrent with last course.

IIT 49200-49699 - Special Topics in Information Technology (1-6)

INTL - International Business

INTL 31200-31299 - Directed Studies in International Business (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

INTL 38000 - Global Business and Society (3)

This course provides students with an overview of global business and trade within the framework of today's dynamic business environment. The course also looks at how historical perspectives influence and shape current events. Topics to be covered include globalization, trade theories, governmental influence on trade, cross national trade agreements, and an introduction to capital markets and foreign exchange. The course also examines how businesses interact with the cultural, political, ethical, legal, and economic environments of multiple nations. An overview of international business strategies is also provided. This course uses library research, case studies, and current business events to understand the methods and practices that international managers use to address these issues. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall/Spring. Cross-Listed as: MGMT 36000.

INTL 39000-39999 - Special Topics in International Business (1-3)

INTL 41200-41299 - Directed Studies in International Business (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

INTL 48010 - International Marketing (3)

This course is designed to provide an extensive analysis of the marketing mix and how it can be standardized for transnational markets. The course will present techniques used to identify potential markets of products and/or services in the global marketplace. Lab fee may be required.

Prerequisite: INTL 38000 or MRKT 35010 with a C or better. Offered: Fall/Spring. Cross-Listed as: MRKT 35015.

INTL 48020 - International Finance (3)

This course is a study of financial decision making for multinational companies. Topics will include the international monetary system, the foreign exchange market, management of foreign exchange exposure, world financial markets and institutions, and financial management of the multinational firm. Lab fee may be required.

Prerequisite: FIN 32000 with a C or better. Offered: Fall/Spring. Cross-Listed as: FIN 32015

INTL 48032 - International Management (3)

This course builds on the foundations of global business through a survey of the International Business issues such as the political, legal, economic and cultural environments. It then proceeds to address management issues on an international scale. These issues include strategy formulation and implementation; organizational structure; managerial decision making and control; and human resource related topics such as leadership, motivation, selection and development. The course uses library research, case studies, and current business events to understand the methods and practices that international management uses to address these issues. Lab fee may be required.

Prerequisite: INTL 38000 with a C or better. Offered: Fall/Spring. Cross-Listed as: MGMT 36010.

INTL 48040 - International Economics (3)

This course focuses on the causes and composition of international trade, policies used to control or promote trade, the balance of payments, and foreign exchange markets and institutions. Lab fee may be required.

Prerequisite: ECON 23020 and ENGL 17000 with a C or better. Offered: Fall. Cross-Listed as: ECON 43040.

INTL 48060 - International Risk and Politics (3)

This course examines the determination and assessment of factors of risk in international business ventures, including the analysis of domestic and foreign constraints imposed by the political and economic environment of multinational business operations. Particular emphasis will be given to the means of identifying, evaluating, and neutralizing risks related to international law, hyper-inflationary economies, nationalization of assets, revolution, war, and inconvertibility of currency. The roles of governments in

heightening and reducing risk will also be studied for their impact upon international business. Lab fee may be required.

Prerequisite: INTL 38000 with a C or better. Cross-Listed as: MGMT 46010.

INTL 48070 - International Business and Cross-Cultural Communications (3)

GE-Human Culture: Foreign Culture/Human Diversity This course focuses on factors which can influence communication between individuals from different cultures. Emphasis will be placed on how various cultures think, communicate, and behave. The goal of the course is for students to develop an appreciation for the complexity of cross-cultural communication, to become more aware of their own culturally based perceptions and patterns of thinking and behaving, and to develop skills for communicating in intercultural situations. Lab fee may be required.

Prerequisite: Junior standing. Offered: Fall/Spring. Cross-Listed as: MGMT 36015.

INTL 48075 - Managing in Emerging Economies (3)

This course will focus on the characteristics of developing and emerging markets, the relevant global and local institutions, and management issues including strategy, operational concerns, HR issues, and risk management. Topics such as corruption, the “bottom of the pyramid,” the environment, and human development factors will also be addressed as part of the characteristics of these markets. Lab fee may be required.

Prerequisite: INTL 38000 with a C or better. Offered: Fall/Spring. Cross-Listed as: MGMT 46015.

INTL 48080 - Global Leadership: Insight, Engagement, and Teamwork (3)

A structured learning experience exposing students to elements of leading in a global world. Definitions and styles of leadership will be explored for the business manager and global employee. Special emphasis will be placed on directed experiential learning and global virtual teamwork. Students will gain insight to cultural variables affecting leadership and then put these insights into action through classroom experiences with global teams. Students will be expected to display effective oral, digital and written communication skills despite culture variations on teams. Critical and adaptive thinking skills will be practiced in order to react and respond to real-world situations. Students will address issues of, and utilize skills in, solving marketing, distribution and financial solutions using digital mechanisms in the global market. Lab fee may be required.

Prerequisite: INTL 38000 with a C or better. Offered: Spring. Cross-Listed as: MGMT 46020.

INTL 48085 - International Business Strategy and Management (3)

This course is the capstone for the international business major. It is designed to incorporate the various skills learned in the international business area into a comprehensive international business decision making course. This course will apply the skills learned in the international business courses to solve business problems using case studies and simulation format. Lab fee may be required.

Prerequisite: Six credit hours from the following: INTL 48010, INTL 48020, INTL 48032, or INTL 48070 with a C or better. Offered: Spring. Cross-Listed as: MGMT 36020.

INTL 48095 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

INTL 49000-49999 - Special Topics in International Business (1-3)

IR - International Relations

IR 10000 - Introduction to International Relations (3)
GE-Human Culture: Foreign Culture/Human Diversity

A global Second Great Depression? A massive nuclear conflict? A technologically-driven era of prosperity that will end famine and poverty? In this course, you will learn about the trends and decisions that shape the economic, social, and political life of everyone on earth. You'll explore the forces that shape global relationships as you acquire the tools to assess their impact on your life. We will talk about how the World Wars and other twentieth-century events shaped our international system; how countries use military, economic, and other forms of power to achieve strategic goals; the influence of political ideology on foreign and domestic policy; global issues such as human rights and economic development; terrorism and counterterrorism; and the proliferation of nuclear and other weapons of mass destruction.

Offered: Fall/Spring.

IR 20000 - The Global Community (3)

GE-Human Culture: Foreign Culture/Human Diversity How do international and regional institutions affect global affairs? How did such organizations come into being? In this class, you will study the United Nations, North Atlantic Treaty Organization, International Monetary Fund, European Union, and Association of Southeast

Asian Nations, among others, to determine how they shape and respond to global conflicts, diplomacy, and individual nations.

Offered: Fall/Spring.

IR 26000 - Chinese Culture and Etiquette (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course is an introduction to the cultural norms and etiquette necessary for anyone who wants to do business or reside in China for any period of time.

Offered: Spring.

IR 30000 - Diplomatic Affairs: Peace and Conflict Resolution (3)

This course examines how governments use diplomacy as a strategic tool, with an emphasis on the role that diplomacy plays in the shaping and resolution of interstate conflicts. How diplomacy has been used throughout history by disparate political cultures to achieve specific policy goals and/or broadly refashion the international system is studied. Recent and ongoing international diplomatic problems also are addressed.

Prerequisite: ENGL 17000. Offered: Fall.

IR 31000 - Governing Europe (3)

This course is a one-semester study that focuses on the development of modern British politics, post 1945. This will include a general look at parliament systems as well as more specific areas such as the parliament, monarchy, courts, parties and political philosophies.

Prerequisite: ENGL 17000; HIST 15500 or PS 15500.

IR 32000 - Transpacific Relations (3)

GE-Human Culture: Foreign Culture/Human

Diversity This is a survey course on the modern history and international relations of a broad region of East and Southeast Asia as well as the region's interaction with the United States. The course is designed for students who want to understand the political and economic dynamics of the countries around the Pacific Basin and the historical roots of various problems in that region.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

IR 32100 - Issues in Asia-Pacific Security (3)

GE-Human Culture: Foreign Culture/Human

Diversity The Asia-Pacific is undergoing rapid strategic change which has significant implications for the world's security. This includes the rise of China and its challenge to the US-led regional security order; the response of other major powers to these dynamics; unresolved maritime territorial disputes in the East China Sea and South China Sea; instability on the Korean Peninsula; as well as existing religious disputes. This unit examines contested concepts of regional order as well as the evolving power dynamics between the major regional powers, including China, the United States, Japan, and ASEAN. It analyzes the evolution and prospects for peacefully resolving

regional flashpoints such as the Korean Peninsula, Taiwan and the South China Sea. Finally, it examines the role of regional security institutions, Indonesia's role in regional security, an assessment of the security and defense options for the United States in a changing Asia.

Prerequisite: ENGL 17000.

IR 35000 - International Relations Theory (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course focuses on a close examination of the writings of classical and modern theorists who have had an impact on the study of international relations. Students will also be introduced to different approaches used in studying international relations. Furthermore, key concepts such as "balance of power," "power," "power politics," "levels of analysis," and "negotiations and diplomacy" will be addressed.

Prerequisite: ENGL 17000. Offered: Spring.

IR 35100 - American Foreign Policy (3)

This course focuses on the conduct of American foreign policy by examining key participants such as the President, Congress, and governmental departments with important roles in foreign policy making. In addition, students are provided with a historical background to current foreign policy issues.

Prerequisite: ENGL 17000.

IR 35200 - Politics and Culture (3)

This course offers a historical and cross-regional survey of culture, history, and power using both international relations theory and a series of case studies. A substantial body of literature has now demonstrated that identity in the form of religion, ethnicity, language, and civilization shapes the outcomes of elections and the form of government in a variety of countries around the world. The course will combine the approach of historians, anthropologists, and political scientists who have studied the interaction of culture and politics.

Prerequisite: ENGL 17000.

IR 36000 - Origins of War: How the World Stumbles into War (3)

This course will focus on the events leading up to the beginning of World War One and how mistakes and miscalculations led Europe into a war that few wanted. The course will discuss how choices and decisions made by the major European powers lead to the Great War. The origins of other modern wars will also be examined and compared to the origins of World War One.

Prerequisite: ENGL 17000. Offered: Spring.

IR 36100 - Paris 1919: Making of the Modern World (3)

GE-Human Culture: Foreign Culture/Human

Diversity This course will discuss the events of, as well as the impacts of, the Paris Peace Conference of 1919 on the

creation of the modern world. The effect of Paris Conference is still being felt in all the regions in the world and has played a significant role in creating the current world order. The course will discuss the background of the problems and the current situation that were created, or exacerbated by the events of 1919.

Prerequisite: ENGL 17000. Offered: Spring.

IR 36200 - Seapower: History and Application (3)
GE-Human Culture: World History Seapower: History and Application provides a survey emphasizing major developments in strategy, technology and the effects of political climate on control of the seas. Primary topics include significant naval engagements and milestones, prominent leaders and their contributions, and the role of sea power in national policy and diplomacy in both peacetime and war through the present day. The course also studies Mahan's naval strategy along with the effects of maritime policy on global stability and the importance of power projection in the contemporary world.

Prerequisite: ENGL 17000.

IR 36900 - Creating Contemporary China (3)
 This course examines the history of China from its first revolution in 1911 to its rise as an economic giant today. It will cover aspects of China's political, economic, and international relations in the twentieth and twenty-first centuries. Topics in this course include the revolutionary upheavals of the twentieth century, the Second World War, the struggle of Nationalists and Communists, and China under Mao Zedong and Deng Xiaoping.

Prerequisite: ENGL 17000. Offered: Fall.

IR 38000 - Geopolitics, Grand Strategy, and War (3)
 This course addresses how relationships amongst countries are shaped by both existing realities and policy decision-making. Geopolitics is the study of how geography, both physical and human, influences the global system. In making grand strategy, leaders attempt to harness the military, economic, diplomatic, and other assets available to achieve their national objectives. The course will focus particularly on how the global security environment may develop in the twenty-first century and how the practice of warfare may change in this technologically and socially dynamic period of human history.

Prerequisite: ENGL 17000; IR 10000.

IR 40100 - Intelligence, Military, and National Policy (3)

This class will examine the role of the military and intelligence in the development and conduct of national and foreign policy since the development of the modern nation-state. The course will cover topics such as the politics of the defense, philosophy and strategies, deterrence, guerrilla warfare, counter-insurgency, and weapons technology.

Prerequisite: ENGL 17000; IR 35000. Offered: Spring.

IR 47000 - International Relations Internship (3)
 This course allows students an opportunity to work with a private sector, government, or nonprofit organization whose work is relevant to the theory and practice of International Relations. The student will both perform duties for the organization in question and integrate the Internship experience into their study of the IR field. The course is repeatable.

Prerequisite: ENGL 17000; IR 10000; and permission of dean.

IS - Interdisciplinary Studies

IS 31000 - Love and Sex (3)

Love and Sex are important parts of most people's lives, but we don't often stop to think carefully about them and how they relate to each other. That's what this course is about. We'll look at sex and love from an interdisciplinary perspective, which means that we're going to look at it from multiple intellectual angles. These angles include things like evolutionary biology, neuropsychology, economics, social history, and philosophy. As a result, we'll come to better understand ourselves and our world, develop interdisciplinary habits of mind, and practice effective communication along the way.

Prerequisite: ENGL 17000 with a C or better; 2.0 cumulative GPA.

IS 31200 - Drugs & Medicine (3)

What counts as a drug? What counts as medicine? How to we determine which substances are drugs and which are medicines? What if something counts as both? Come explore the fascinating world of psychoactive substances as we tackle these and other questions from the perspective of multiple different academic disciplines like social history and chemistry, as well as medical and psychiatric practice.

Prerequisite: ENGL 17000 with a C or better; 2.0 cumulative GPA.

IS 39000-39999 - Special Topics (1-6)

Special topics in interdisciplinary research. May be repeated as topics vary.

Prerequisite: ENGL 17000 with C or better; 2.0 cumulative GPA.

IS 40100 - Interdisciplinary Research (3)

Introduction to interdisciplinary research. Includes identifying disciplines relevant to research questions, gathering information, and developing interdisciplinary methods.

Prerequisite: Interdisciplinary Studies major; junior standing; ENGL 17000 with a C or better; 2.0 cumulative GPA. Offered: Fall/Spring.

IS 40500 - Interdisciplinary Problem-Solving (3)

Application of interdisciplinary research methods through directed individual and group projects.

Prerequisite: Interdisciplinary Studies major; IS 40100 or concurrent enrollment.

IS 41000 - Applied Interdisciplinary Studies (1-6)

Application of interdisciplinary problem-solving skills through internship(s), service-learning, research, or directed studies. May be repeated for credit.

Prerequisite: Interdisciplinary Studies major; IS 40500.

IS 49000-49999 - Special Topics (1-6)

Special topics in interdisciplinary research. May be repeated as topics vary.

MGMT - Management**MGMT 14000 - Microcomputer Applications (3)**

An introductory course designed to address issues and practical applications important to microcomputer users, this course utilizes a "hands-on" lab approach. Subject areas addressed include word processing skills development, spreadsheet/database development and use of PowerPoint.

MGMT 16025 - Introduction to Business and Free Enterprise (3)

Introduction to Business and Free Enterprise is an introductory course designed to prepare students to deal effectively with the challenges of contemporary life, including business activities such as management, marketing, teamwork, leadership, globalization, economic implications, as well as future expectations. This course intends to assist students in developing the skills needed to understand the principles and processes of everyday business life; and to introduce students to the academic opportunities and activities offered by the Plaster School of Business & Entrepreneurship and the Lindenwood University community. In addition, the seminar will provide information, instruction, exercises, techniques, group interaction, and guidance in the areas of personal growth. Lab fee may be required.

Prerequisite: ENGL 11000 or EPP 11000 or higher with a C or better; or placement into ENGL 15000 or EPP 15000. Offered: Fall/Spring.

MGMT 24000 - Introduction to Information Systems (3)

This course covers essential components of information systems and the impact of information technology on business organizations. Topics discussed include communications and networking, e-commerce, web technologies, database management, and systems

development methodologies. Issues of cybercrime and computer ethics will be discussed. Use of spreadsheet software for decision support is emphasized. Lab fee may be required.

Offered: Fall/Spring.

MGMT 26014 - Excel for Professionals (3)

This comprehensive hands-on lab course focuses on the use of Excel to analyze and graph data, generate reports and support business decisions. Students will learn how to design spreadsheets, work with pivot tables, create forms, consolidate results, publish data to the Web and streamline repetitive tasks through the use of macros. Lab fee may be required.

MGMT 26030 - Business Communications (3)

GE-Communication This course introduces concepts of workplace communication pertinent to the twenty-first-century global professional environment. Practice is provided in researching, designing, and composing common workplace documents and correspondence, in creating communications with a team, and in presenting communications orally and with the use of technology. Lab fee may be required.

Prerequisite: ENGL 15000 with a C or better.

MGMT 26032 - Principles of Management (3)

This survey course explores the development of the understanding of organizations and of the decision making skills required in management positions. The purpose of this course is to examine how management concepts have developed and continue to change. A detailed examination will be conducted of the four basic functions of management: planning, organizing, motivating, and controlling. Particular emphasis will be given to goal planning, managing change, career progression, and the managerial value system. By the end of this course, students will appreciate the changing environment of management. Lab fee may be required.

Prerequisite: ENGL 15000 with a C or better. Offered: Fall/Spring.

MGMT 26061 - Business Law I (3)

Business law is an introductory course designed to familiarize the student with the subject matter of the legal environment of business. Particular emphasis will be given to the sources of law; the role of society; the judicial function; and selected areas such as governmental regulation and agencies, crimes and torts, contracts, business organizations, agency, and employment law. Various approaches to understanding legal issues will be used, including case law analysis and the examination of current legal issues affecting business. Lab fee may be required.

Prerequisite: ENGL 15000 with a C or better. Offered: Fall/Spring.

MGMT 31200-31299 - Directed Studies in Management (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

MGMT 36000 - Global Business and Society (3)

This course provides students with an overview of global business and trade within the framework of today's dynamic business environment. The course also looks at how historical perspectives influence and shape current events. Topics to be covered include globalization, trade theories, governmental influence on trade, cross national trade agreements, and an introduction to capital markets and foreign exchange. The course also examines how businesses interact with the cultural, political, ethical, legal, and economic environments of multiple nations. An overview of international business strategies is also provided. This course uses library research, case studies, and current business events to understand the methods and practices that international managers use to address these issues. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall/Spring.

*Added after publishing - July addendum 07/01/2020***

MGMT 36010 - International Management (3)

This course builds on the foundations of global business through a survey of the International Business issues such as the political, legal, economic and cultural environments. It then proceeds to address management issues on an international scale. These issues include strategy formulation and implementation; organizational structure; managerial decision making and control; and human resource related topics such as leadership, motivation, selection and development. The course uses library research, case studies, and current business events to understand the methods and practices that international management uses to address these issues. Lab fee may be required.

Prerequisite: MGMT 36000 with a C or better. Offered: Fall/Spring.

*Added after publishing - July addendum 07/01/2020***

MGMT 36015 - International Business and Cross-Cultural Communications (3)

GE-Human Culture: Foreign Culture/Human Diversity This course focuses on factors which can influence communication between individuals from

different cultures. Emphasis will be placed on how various cultures think, communicate, and behave. The goal of the course is for students to develop an appreciation for the complexity of cross-cultural communication, to become more aware of their own culturally based perceptions and patterns of thinking and behaving, and to develop skills for communicating in intercultural situations. Lab fee may be required.

Prerequisite: Junior standing. Offered: Fall/Spring.

*Added after publishing - July addendum 07/01/2020***

MGMT 36020 - International Business Strategy and Management (3)

This course is the capstone for the international business major. It is designed to incorporate the various skills learned in the international business area into a comprehensive international business decision making course. This course will apply the skills learned in the international business courses to solve business problems using case studies and simulation format. Lab fee may be required.

Prerequisite: Six credit hours from the following: FIN 32015, MGMT 36010, MGMT 36015, MRKT 35015 all with a C or better. Offered: Spring.

*Added after publishing - July addendum 07/01/2020***

MGMT 36033 - Business Analytics I (3)

This course provides an introduction to business analytics, which involves the use of statistical, predictive and optimization models to transform data into insight for making better decisions. An important goal is to encourage a more disciplined thinking process in the way a manager approaches management decision situations and to apply mathematical modeling with spreadsheets to decision making. Topics covered will include data visualization, forecasting, linear optimization, transportation and transshipment problems and simulation modeling. Hands-on projects and cases will relate to problems arising in a variety of functional areas of business, including finance, accounting, economics, marketing, sport management and supply chain management. Lab fee may be required.

Prerequisite: MGMT 24000 with a C or better; MTH 14100 or MTH 24100 with a C or better; MTH 14200, MTH 15100, MTH 15200, MTH 17300, MTH 17500, MTH 27100 or MTH 27200 with a C or better. Offered: Fall/Spring.

MGMT 36042 - Principles of Supply Chain Management (3)

This course is designed for students who are interested in understanding the fundamental aspects of Supply Chain Management (SCM). It is designed to familiarize the student with the subject matter of procurement, forecasting, inventory management, enterprise resource planning, quality management, location selection, supply

chain integration and performance measurement. Lab fee may be required.

Prerequisite: MGMT 36043 with a C or better.

MGMT 36043 - Principles of Operations Management (3)

This course introduces the student to the management of operations, in both the manufacturing and service sectors. This course is designed to help the student to understand the nature of how products or services are transformed for use by the end customer, in the field known as Operations Management. Topics include operations strategy, planning, quality, production systems, inventory management, and project management. Current production initiatives will also be explored including Six Sigma/Lean, Theory of Constraints, and material requirements planning. Lab fee may be required.

Prerequisite: MGMT 26032 and MTH 14100 or higher both with a C or better. Offered: Fall/Spring.

MGMT 36044 - Principles of Procurement Management (3)

Procurement Management is a strategic approach in the identification, planning, and acquisition of the organization's current and future needs – materials, services, equipment and other resources - to achieve the organization's strategic goals and objectives. This course provides students with in-depth knowledge of the acquisition process, so that the right qualities, quantities, prices, timing, and sources are attained, and that there is alignment of the supplier network and optimum utilization of the organization's resources. Lab fee may be required.

Prerequisite: MGMT 36043 with a C or better. Offered: Fall.

MGMT 36045 - Principles of Logistics Management (3)

This course will provide an in-depth understanding and the opportunity to apply logistics management theories and practices. Specifically, the student will learn the important role that both transportation and warehousing play in today's global business environment, including techniques regarding transportation mode selection, warehousing, network design, and performance measurements. Lab fee may be required.

Prerequisite: MGMT 36043 with a C or better. Offered: Spring.

MGMT 36050 - Organizational Behavior (3)

This course explores the behavior of individuals, teams, groups, and organizations, in the workplace. Topics include business trends, globalization, ethics, corporate social responsibility, leadership, team dynamics, change management, performance, morale, power, personalities, desirable competencies, and communication. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall/Spring.

MGMT 36055 - Managerial Ethics (3)

This course is designed to help students understand the nature of the changing role of management with respect to ethics and public policy in the workplace. Current issues in ethics will be examined, including the position of business enterprises and their perceived value in society. The course will also explore the roles of managers, the public, and government in providing an atmosphere conducive to ethical business operations. This course will also address the business responsibilities of being a "good neighbor" at the local, national, and international levels. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better.

MGMT 36062 - Business Law II (3)

This course is designed to strengthen the student's understanding of the nature of governmental regulation of businesses, including corporations, partnerships, and limited liability companies; selected articles of the Uniform Commercial Code, including sales, commercial paper, and secured transactions; personal/real property and estates; bankruptcy; and insurance. Various approaches to understanding these legal issues will be used, including case law analysis and the examination of current legal issues affecting business. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better.

MGMT 36081 - Career Development (3)

This course is designed to help students to understand the academic and business career exploration and planning processes. The goal of this course is to provide the student with the strategies and skills necessary for a lifetime of career-related decision making. Students will engage in a variety of self-discovery initiatives through an exploration of personal interests, values, and abilities. With this information, students will utilize various techniques to define and clarify educational and career plans. In addition, several methods of researching academic and career opportunities both at Lindenwood University and in the community will be explored. Lab fee may be required.

Prerequisite: Junior standing.

MGMT 38900 - Game Theory (3)

This is an applied logic course dealing with strategic action. The term 'game' includes any situation in which people interact and adopt strategies in order to reach a certain desired outcome. We will discuss rationality, revealed preference, risk, zero-sum games, games of cooperation, bargaining, decision theory, Nash equilibria, Prisoner's Dilemmas, etc. Lab fee may be required.

Prerequisite: MTH 14100 or higher with a C or better. Offered: Fall.

MGMT 41200-41299 - Directed Studies in Management (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

MGMT 46010 - International Risk and Politics (3)

This course examines the determination and assessment of factors of risk in international business ventures, including the analysis of domestic and foreign constraints imposed by the political and economic environment of multinational business operations. Particular emphasis will be given to the means of identifying, evaluating, and neutralizing risks related to international law, hyper-inflationary economies, nationalization of assets, revolution, war, and inconvertibility of currency. The roles of governments in heightening and reducing risk will also be studied for their impact upon international business. Lab fee may be required.

Prerequisite: MGMT 36000 with a C or better.

*Added after publishing - July addendum 07/01/2020***

MGMT 46015 - Managing in Emerging Economies (3)

This course will focus on the characteristics of developing and emerging markets, the relevant global and local institutions, and management issues including strategy, operational concerns, HR issues, and risk management. Topics such as corruption, the “bottom of the pyramid,” the environment, and human development factors will also be addressed as part of the characteristics of these markets. Lab fee may be required.

Prerequisite: MGMT 36000 with a C or better. Offered: Fall/Spring.

*Added after publishing - July addendum 07/01/2020***

MGMT 46020 - Global Leadership: Insight, Engagement, and Teamwork (3)

A structured learning experience exposing students to elements of leading in a global world. Definitions and styles of leadership will be explored for the business manager and global employee. Special emphasis will be placed on directed experiential learning and global virtual teamwork. Students will gain insight to cultural variables affecting leadership and then put these insights into action through classroom experiences with global teams. Students will be expected to display effective oral, digital and written communication skills despite culture variations on teams. Critical and adaptive thinking skills will be practiced in order to react and respond to real-world situations. Students will address issues of, and utilize skills in, solving marketing, distribution and financial solutions

using digital mechanisms in the global market. Lab fee may be required.

Prerequisite: MGMT 36000 with a C or better. Offered: Spring.

*Added after publishing - July addendum 07/01/2020***

MGMT 46033 - Business Analytics II (3)

This course expands on the material taught in MGMT 36033 (Business Analytics I) and provides a more in-depth coverage of predictive analytics and prescriptive analytics, as well as introduction to data mining and decision analysis. Students will work on projects that focus on development of multiple regression models, linear as well as non-linear optimization models and risk analysis with Monte Carlo simulation. Lab fee required.

Prerequisite: ENGL 17000 and MGMT 36033 with a C or better.

MGMT 46040 - Project Management (3)

This course develops a foundation of concepts and solutions that support the planning, scheduling, controlling, resource allocation, and performance measurement activities required for successful completion of a project. This course examines project management roles and environments, the project life cycle, and various techniques of work planning, and control and evaluation to achieve project objectives. The tools currently available to project managers are illustrated in this course through the use of Microsoft(r) Project software. Lab fee may be required.

Prerequisite: MGMT 26032 with a C or better.

MGMT 46082 - Management Policy (3)

Management Policy is an advanced course designed to apply the theoretical principles of management to the processes of setting, implementing, and evaluating business strategy. This is the capstone course for all business majors, drawing on the information and skills developed over the course of the business program. The course will serve to reinforce the integration of the concepts presented in core business courses with the student's business degree. Various approaches to understanding these management issues will be used, including examinations and case study analyses. Final semester of senior year. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall/Spring.

MGMT 46095 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a

cumulative GPA of 3.0 in all required degree courses.
Offered: Fall/Spring.

MRKT - Marketing

MRKT 31200-31299 - Directed Studies in Marketing (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

MRKT 35010 - Principles of Marketing (3)

This course is an in-depth introduction to the functional business area of marketing. It examines how goods and services are presented to target customers through the use of the marketing-mix variables: product, price, place, and promotion. Emphasis in this course is on the student developing a working knowledge of the vocabulary, principles, concepts, and theories of contemporary marketing as used in various organizational settings. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall/Spring.

MRKT 35015 - International Marketing (3)

This course is designed to provide an extensive analysis of the marketing mix and how it can be standardized for transnational markets. The course will present techniques used to identify potential markets of products and/or services in the global marketplace. Lab fee may be required.

Prerequisite: MGMT 36000 or MRKT 35010 with a C or better. Offered: Fall/Spring.

*Added after publishing - July addendum 07/01/2020***

MRKT 35020 - Marketing Information and Research (3)

This course provides an introduction to the multiple sources of data and information used in making strategic and tactical marketing decisions. The course is designed to introduce the student to the strengths and limitations of a variety of marketing techniques and to the thought processes involved in selecting appropriate marketing techniques. Particular emphasis will be given to problem definition, design of marketing research studies, data collection techniques, data analysis and interpretation. A comprehensive team case toward the end of the course will tie together the concepts presented and provide an opportunity for oral and written presentation. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 35025 - Social Media Marketing (3)

This course will cover the major topics within social media marketing with a focus on application of theory, social media metrics, platforms, advertising and market research. Focus will be applied to case studies and projects. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better.

MRKT 35030 - Pricing Strategy and Negotiations (3)

Pricing is an intermediate course designed to strengthen the student's understanding of pricing strategy. The goal of this course is to provide the student with an understanding of the strategic importance of pricing, the psychological impact of various pricing tactics, a review of the strategic pricing options, and the experience of analyzing the impact of various pricing strategies. Lectures and case studies will provide the theory and analytical tools for development of pricing strategies and tactics. Computer simulations will provide students with the opportunity to apply knowledge derived from lectures and case studies. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 35040 - Advertising and Promotional Strategy (3)

This course focuses on the marketing function of communicating the various promotional activities such as advertising and promotion with an emphasis on the planning, preparing, and placing the messages of integrated brand promotion. The role of the advertising agency and the dynamic role of the internet in integrated brand promotion will be explored in detail. A course project will enable students to apply the concepts discussed in the course to a real world situation. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 35045 - Digital Marketing (3)

This course will cover the major topics within digital marketing with a focus on analytics, but also including advertising, SEO/SEM, elements of html and landing page optimization, e-mail marketing and current best industry practices. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better.

MRKT 35050 - Selling (3)

This course examines the concepts of personal selling. The goal of this course is to provide a detailed analysis of the innovative selling strategies and concepts necessary to negotiate mutually beneficial agreements. Particular emphasis will be given to professional presentation and image management of the salesperson, building long-term relationships with customers, sales theory concepts

involved in personal sales, and business-to-business sales. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 35060 - Product Management (3)

This course will study the managerial process and design for new product development. The course will examine the product manager's role in team management as it relates to new opportunity identification; new concept generation; new concept evaluation; development of the product or idea; and the steps necessary for successful market or launch. Particular emphasis will be placed on the following areas: the marketing process of finding and solving consumer needs, concept testing, forecasting, and financial analysis, product protocol, design, product testing, strategic launch planning, and market testing. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 39000-39999 - Special Topics in Marketing (1-3)

MRKT 41200-41299 - Directed Studies in Marketing (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

MRKT 45060 - Marketing Communications (3)

This course introduces students to a shift in how organizations (for-profit and nonprofit) promote products, services, and ideas through relationship marketing and marketing communications. Students will examine more credible and cost effective ways to create relationships with target markets than traditional mass-market advertising. They will examine marketing strategies that use the fundamentals of classic public relations, word-of-mouth (WOM) marketing, event marketing, mobile marketing, social media networking, and other forms of creative marketing communications to foster interactions among organizations, products, consumers, and the media. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 45070 - Consumer Behavior (3)

This course is designed to strengthen the student's understanding of consumers' marketplace behaviors. Topics to be covered include motivation, buying behavior, learning, problem solving, perception, and decision making. Students will consider the implications of the

social, cultural, and psychological factors that form consumer behavior. Particular emphasis will be given to marketing techniques and strategies used to anticipate and define consumers' wants and needs. Lab fee may be required.

Prerequisite: ENGL 17000 and MRKT 35010 with a C or better. Offered: Fall/Spring.

MRKT 45080 - Marketing Management and Planning (3)

Topics to be covered include defining marketing problems and opportunities, evaluating alternative solutions, and developing strategies to address these issues. Students will be required to actively participate in discussion of outside readings and case studies that address a variety of marketing related issues. In addition, the course utilizes a team-based computer simulation in which students will form companies and compete in simulated markets. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; MRKT 35010; senior standing. Offered: Fall/Spring.

MRKT 45095 - Internship (1-9)

The Internship Program is designed to expose the student to a variety of practical business environments. This exposure will permit the student to observe and experience firsthand how businesses function in today's society.

Prerequisite: ENGL 17000 with a C or better; permission of the dean, faculty advisor, and internship coordinator; junior standing; a cumulative GPA of 2.50 overall; and a cumulative GPA of 3.0 in all required degree courses. Offered: Fall/Spring.

MRKT 49000-49999 - Special Topics in Marketing (1-3)

MS-Military-Science-ROTC

MS 10100 - Introduction to Leadership I (2)

Examine the challenges and competencies that are critical for effective leadership. The student will learn how the personal development of life skills such as cultural understanding, goal setting, time management, mental/physical resiliency, and stress management relate to leadership, officership, and the Army profession.

MS 10200 - Introduction to Leadership II (2)

The course investigates leadership fundamentals, explores dimensions of leadership attributes and core leader competencies, and presents fundamental military concepts.

Prerequisite: MS 10100. Offered: Spring.

MS 20100 - Innovative Team Leadership (3)

This course explores the dimensions of creative and innovative tactical leadership strategies and styles by examining team dynamics and leadership theories. The

course continues to build on developing knowledge of leadership attributes and core leader competencies through the understanding of Army rank, structure, and duties as well as broadening knowledge of land navigation and squad tactics.

Prerequisite: MS 10200.

MS 20200 - Foundations of Tactical Leadership (3)

Develops a greater self-awareness in the students as they assess their own leadership styles and practice communication and team building skills. Students examine and practice the challenges of leading teams in the complex operational environment. Students will study dimensions of terrain analysis, patrolling, and operation orders and students will explore the dynamics of adaptive leadership in the context of military operations.

Prerequisite: MS 20100. Offered: Spring.

MS 30100 - Adaptive Team Leadership (3)

This is an academically challenging course where the student will study, practice, and apply the fundamentals of Army leadership, officership, Army values and ethics, and small unit tactics.

Prerequisite: MS 10100; MS 10200; MS 20100; MS 20200.

MS 30200 - Applied Team Leadership (3)

Students will continue to learn and apply the fundamentals of Army leadership, officership, Army values and ethics as they hone their leadership abilities in a variety of tactical environments and the classroom. Successful completion of this course will help prepare students for success at the ROTC Leader Development and Assessment Course which they will attend the summer following this course at Fort Lewis, WA. Students will receive systematic and specific feedback on their leadership attributes, values and core leader competencies from their instructors, other ROTC cadre, and senior cadets.

Prerequisite: MS 30100. Offered: Spring.

MS 40100 - Leadership Challenges and Goal-Setting (3)

In this course, students plan, conduct, and evaluate activities of the ROTC cadet organization, articulate goals and put plans into action to attain them, assess organizational cohesion and develop strategies to improve it, develop confidence in skills to lead people and manage resources, and learn/apply various Army policies and programs in this effort.

Prerequisite: MS 30200. Offered: Fall.

MS 40200 - Transition to Lieutenant (3)

In this course, students identify and resolve ethical dilemmas, refine counseling and motivating techniques, examine aspects of tradition and law related to leading as an officer in the Army, and prepare for a future as a successful Army lieutenant.

Prerequisite: MS 40100. Offered: Spring.

MS 40800 - Adaptive Leadership (3)

MS 40800 is a practical application of adaptive leadership. Throughout the semester, students are assigned the duties and responsibilities of an Army staff officer and must apply the fundamentals of principles of training, training management, the Army writing style, and the military decision making to weekly training meetings. Students will study the special trust given to Army Officers by the US Constitution and the President of the United States--a special trust given to no other civilian professions. This course places significant emphasis on preparing students for BOLC-Phase II and their first unit of assignment. It uses mission command case studies and scenarios to prepare students to face the complex ethical demands of serving as a commissioned officer in the United States Army. Students will study how Army values and leader ethics are applied in the Contemporary Operating Environment and how these values and ethics are relevant to everyday life. The student will study the Army officer's role in the Uniform Code of Military Justice, the counseling of subordinates, administrative actions, and the management of an Army Officer's career. Students will be given numerous opportunities to train, mentor, and evaluate underclass students enrolled in the ROTC Basic Course while being mentored and evaluated by experienced ROTC cadre.

The MS 40800 course is designed to include multiple opportunities for student-centered learning, to include, but not limited to student reading assignments; homework assignments; participation in small-group assignments, practical exercises and case studies; student-delivered briefings and operations orders; and a variety of student assessments such as quizzes and a final exam.

MS 45000 - Modern American Military History (3)

This course is a history of U.S. military involvement in the world since the end of World War II. Beginning with the end of WWII and moving through to the 21st century, this class includes Korea, Vietnam, U.S. interventions as well as the Gulf War. Tactical, strategic, political, and economic contexts as well as technological developments are considered in attempting to understand the causes, conduct, and consequences of these armed conflicts. This course is offered fall semester of even numbered years. Not open to students with credit in HIST 11701.

Prerequisite: ENGL 17000 with a C or better or concurrent enrollment; sophomore standing.

MTH - Mathematics

MTH 05100 - Basic Mathematics (2)

MTH 05100 is a computer-based course designed to prepare students for MTH 12100, MTH 14100, and MTH 14200. Topics include order of algebraic operations,

simplifying algebraic expressions, fractions and proportions, first degree equations and inequalities, functions and graphs, systems of linear equations, exponents, scientific notation, and quadratic equations. This course will not satisfy any general education requirements, nor will it earn elective credit (thus, does not count toward the 120 hours required for graduation). Lab fee required.

Offered: Fall/Spring.

MTH 10101 - Mathematics Support Lab (1)

This course is intended to provide co-remediation support to students enrolled in MTH 11000, MTH 14100, MTH 14200, or MTH 15100. This course will not satisfy any general education requirements. This course is repeatable for a total of three credit hours and is graded on a Pass/Fail basis.

Offered: Fall/Spring.

MTH 11000 - Intermediate Algebra (3)

MTH 11000 is designed to prepare students for MTH 14800, MTH 14900, and MTH 15100. The topics include operations with real numbers, first degree equations and inequalities, functions and graphs, operations with polynomials, factoring polynomials, rational expressions, and quadratic equations. This course counts for elective credit but will not satisfy any general education requirements. Lab fee required.

Offered: Fall/Spring.

MTH 12100 - Introduction to Contemporary Mathematics (3)

GE-Math This course is an introductory course on how mathematics is used today. Students will study consumer mathematics plus additional topics selected from apportionment, fair divisions, geometry, growth and decay, numbers systems for encoding information, probability and counting techniques, routes and network, scheduling, statistics, voting systems.

Prerequisite: MTH 05100 or MTH 11000 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 14100 - Basic Statistics (3)

GE-Math This course is an introduction to the theory and applications of statistics, including probability, descriptive statistics, random variables, expected values, distribution functions, and hypothesis testing.

Prerequisite: MTH 05100 or MTH 11000 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 14200 - Quantitative Methods for Business (3)

GE-Math This course is designed to introduce business students to the use of quantitative methods. Topics covered will include solving and graphing linear functions and inequalities; writing mathematical models; solving systems of equations; linear regression; and an introduction to

linear programming. Tools used will include calculators and computers. A graphing calculator is required.

Prerequisite: MTH 05100 or MTH 11000 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 14800 - Mathematical Structures for Teachers I (4)

GE-Math This course focuses on problem solving using the real number system and algebra. Topics include: different numeration systems (Roman Numerals and other bases), techniques for calculations, percent and ratios with applications, exponents and roots, the properties of real numbers, arithmetic with irrational and complex numbers, linear functions and piecewise linear functions with applications, systems of linear equations, quadratic functions with applications, polynomial and rational functions with applications.

Prerequisite: MTH 11000 with a C or better; or placement in MTH 15100. Offered: Fall/Spring.

MTH 14900 - Mathematical Structures for Teachers II (3)

GE-Math This course provides an introduction to the basic concepts of probability (including counting techniques), statistics, and geometry. The basic geometry concepts to be covered include the fundamentals of planar and 3-dimensional geometry; congruence and similarity, proofs of congruent or similar triangles; concepts of measure; and motion geometry and tessellations.

Prerequisite: MTH 11000 with a C or better; or placement in MTH 15100. Offered: Fall/Spring.

MTH 15100 - College Algebra (3)

GE-Math Topics covered functions and graphs, polynomial and rational functions, exponentials and logarithms, systems of equations and inequalities, sequences and the binomial theorem. The course is designed primarily for science and related majors and students seeking middle school mathematics certification.

Prerequisite: MTH 11000 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 15200 - Pre-calculus: Elementary Functions (3)

GE-Math This course serves as preparation for calculus covering polynomial and rational functions, exponential and logarithmic functions, trigonometric functions, applications and systems of linear equations. A graphing calculator is required.

Prerequisite: MTH 15100 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 15300 - Algebra and Trigonometry (5)

GE-Math This combined course serves as a review of college algebra as well as preparation for the calculus sequence. Topics include polynomial and rational functions and inequalities, systems of equations, exponential and logarithmic functions, trigonometric

functions, inverse trigonometric functions, as well as their applications.

Prerequisite: MTH 11000 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 17300 - Survey of Calculus (4)

GE-Math Topics include a brief review of trigonometry; limits and continuity; derivatives and integrals of polynomials, rational, exponential, logarithmic and trigonometric functions; relative extrema and points of inflection; graphs of functions, derivatives, and integrals; implicit differentiation and related rates; the extreme value theorem; definite and indefinite integrals; and the Fundamental Theorem of Calculus. A graphing calculator is required.

Prerequisite: MTH 15100 or higher with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 17500 - Business Calculus and Applications (4)

GE-Math This course is an introductory course in calculus, with an emphasis in business applications. Topics include a review of exponential and logarithmic functions, interest, linear programming, limits, continuity, differentiation and integration. A graphing calculator is required. A TI-83+ is recommended.

Prerequisite: MTH 14200 or MTH 15100 with a C or better; or passing the placement test.

MTH 22100 - Discrete Structures (3)

This course will briefly review logic, sets, functions and relations, and methods of proof before using these concepts to study discrete (rather than continuous) mathematics. Topics covered may include combinatorics, graph theory, algorithms and their analysis, Boolean algebra, finite state machines, finite difference equations, and applications of these topics.

Prerequisite: MTH 15100 or higher-level math course with a C or better; CSC 14400 with a C or better. Offered: Fall.

MTH 23000 - Geometry with Geometric Software (1)

In this course, elements of geometry will be explored using the computer software. Topics that will be explored are polygons, the various centers of a triangle, circles, areas, and volumes.

Prerequisite: MTH 15200 with a C or better. Offered: Fall/Spring.

MTH 24100 - Statistics for Natural Science (3)

GE-Math Topics covered in this course include counting rules and probability, normal and binomial distributions, Chi-square, t-tests and F-tests, ANOVA, linear regression, precision, accuracy, absolute and relative error, random error, means, medians, standard deviation (population and sample), standard error of the mean, variance, relative standard deviation, coefficient of variation, confidence levels and intervals, Q-tests, and definitions and sources of

error (methodological, sampling, procedural and instrument).

Prerequisite: MTH 15100 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 27100 - Calculus I (5)

GE-Math This course is the first study of real functions and some of their applications. Topics include limits, continuity, differentiation and integration. A graphing calculator is required.

Prerequisite: MTH 15200 with a C or better; or passing the placement test. Offered: Fall/Spring.

MTH 27200 - Calculus II (5)

GE-Math This course is a continuation of the study of real functions of one variable. Topics include integration, applications of integration, and methods of integration, infinite series, and vectors. A graphing calculator is required.

Prerequisite: MTH 27100 with a C or better. Offered: Fall/Spring.

MTH 28500 - Introduction to Advanced Mathematics (3)

This course is a transition course from elementary to advanced mathematics. Topics include logic, proof techniques, set theory, discrete math, the natural numbers, induction, functions, relations, and the foundations of number systems.

Prerequisite: MTH 27200 with a C or better. Offered: Spring.

MTH 30300 - Calculus III (5)

This course is the study of real functions of more than one variable. Topics include partial derivatives, gradient, potential functions, line integral, multiple integration, and Taylor's formula. A graphing calculator is required.

Prerequisite: MTH 27200 with a C or better. Offered: Fall/Spring.

MTH 31100 - Differential Equations (3)

This course examines ordinary differential equations and some applications, including first order equations, linear differential equations, Laplace Transform, and series solutions.

Prerequisite: MTH 27200 with a C or better. Offered: Spring.

MTH 31300 - History of Mathematics (3)

This course looks at the history of Mathematics, including the Classical, Medieval, Renaissance, Early Modern, and Modern periods, spanning the time from 3000 BC to the present.

Prerequisite: MTH 15200 with a C or better; or passing the placement test.

MTH 31500 - Linear Algebra I (3)

This course is the study of the finite dimensional vector spaces, linear mappings between them and applications to differential equations and geometry. Topics include solution of linear equations, matrices, determinants, eigenvalue problems, bilinear mappings and forms, diagonalization.

Prerequisite: MTH 27100 with a C or better. Offered: Fall.

MTH 31600 - Linear Algebra II (3)

This course is the study of the finite dimensional vector spaces, linear mappings between them and applications to differential equations and geometry. Topics include solution of linear equations, matrices, determinants, eigenvalue problems, bilinear mappings and forms, diagonalization.

Prerequisite: MTH 31500 with a C or better.

MTH 32000 - Algebraic Structures (3)

This course examines the main structures of abstract algebra. Groups, rings and fields will be studied together with applications to geometry, and number theory.

Prerequisite: ENGL 17000 and MTH 28500 with a C or better. Offered: Fall.

MTH 32400 - Theory of Financial Mathematics I (3)

This course is a differential calculus based introduction to interest theory and the time value of money. Students will learn about simple and compound interest, nominal and effective rates of interest and discount, standard and nonstandard annuities, amortization schedules, sinking funds, and bond valuation. This course, together with MTH 32500, covers topics needed to be successful on Exam FM/2 by the Society of Actuaries and the Casualty Actuarial Society.

Prerequisite: MTH 17500 or MTH 27100 with a C or better. Offered: Fall.

MTH 32500 - Theory of Financial Mathematics II (3)

This course provides a calculus based coverage of topics in financial mathematics including bond valuation, stock valuation, inflation, duration, immunization, and financial derivatives such as forwards, futures, options, and swaps. This course, together with MTH 32400, covers topics needed to be successful on Exam FM/2 by the Society of Actuaries and the Casualty Actuarial Society.

Prerequisite: MTH 32400 with a C or better. Offered: Spring.

MTH 32600 - Models for Financial Economics (3)

This primary focus of this course is to use stock models for the purpose of option valuation. Stock models discussed include the binomial tree model and the Black-Scholes framework. Students will use the models to price standard options as well as a variety of exotic options. The course will also discuss interest rate models used for pricing

bonds. This course covers material included on the MFE/3F actuarial exam.

Prerequisite: MTH 14100 or MTH 24100 with a C or better; MTH 32500 with a C or better or MTH 17500 and FIN 42020 with a C or better.

MTH 33000 - Geometry (3)

This course is a careful review of Euclidean geometry of the plane and space, and an introduction to non-Euclidean geometry.

Prerequisite: ENGL 17000 and MTH 28500 with a C or better. Offered: Spring.

MTH 34100 - Probability and Mathematical Statistics I (3)

This course is the first part of a calculus-based sequence. Topics include combinatorics, probability spaces, discrete and continuous distributions, variable transformation, and multivariate distributions.

Prerequisite: MTH 24100 and MTH 27200 with a C or better. Offered: Spring.

MTH 34200 - Probability and Mathematical Statistics II (3)

This course is the second part of a calculus-based sequence. Topics covered include estimation using confidence intervals, maximum likelihood, Bayesian methods, hypothesis testing regression analysis, and theory of statistical interference.

Prerequisite: MTH 34100 with a C or better.

MTH 34500 - Regression Analysis (3)

This course will cover topics in regression and time series. Specific topics covered will include single linear regression, multiple linear regression, model diagnostic techniques, transformations, generalized linear models, ARIMA models, and forecasting. The course will require the use of Excel and statistical software, such as R.

Prerequisite: MTH 24100 with a C or better. Offered: Fall/Spring.

MTH 35100 - Numerical Methods (3)

This course is the first course in numerical methods, including solution of linear and non-linear equations, numerical integration and differentiation, the theory of approximation, and solution of differential equations.

Prerequisite: MTH 27200 and CSC 14400 with a C or better.

MTH 36100 - Partial Differential Equations (3)

This course provides an overview of partial differential equations of mathematical physics. The overview covers elliptic, parabolic, and hyperbolic PDEs. The methods of solutions include the Eigen function expansions, the Laplace and Fourier transforms, and numerical methods.

Prerequisite: MTH 30300 and MTH 31100 with a C or better.

MTH 36500 - Complex Variables (3)

This course offers an introduction to the theory of complex variables and their applications. Topics include the algebra and geometry of complex numbers, Cartesian and polar representation, differentiability of complex functions, analytic functions, the elementary functions, contour integrals, the Cauchy integral formula, power series expansions, residue theorem and more.

Prerequisite: MTH 30300 with a C or better. Offered: Fall.

MTH 37000 - Advanced Calculus (3)

This course provides a systematic and rigorous development of the multivariable calculus of functions on Euclidean space. Topics covered include limits, continuity and differentiability of functions, the Riemann integral, vector calculus, and sequences and series.

Prerequisite: MTH 28500 and MTH 30300 with a C or better. Offered: Spring.

MTH 38900 - Undergraduate Research (3)

This course provides undergraduates with an opportunity to perform research in pure or applied mathematics. Under the supervision of a faculty member, a student will independently study a chosen area of mathematics. Students are expected to explore significant problems in their topic, draw conclusions, and, if applicable, identify real world applications to their work. This is an undergraduate research course.

Prerequisite: Permission of the dean.

MTH 39000-39999 - Special Topics in Applied Mathematics (3)

MTH 48000 - Mathematics Internship (1-3)

This course offers students the opportunity to earn academic credit while gaining practical work experience in a professional environment. The work experience should expand upon and apply the knowledge obtained through the student's coursework. This course may be repeated for credit, for a total of up to nine hours.

Prerequisite: Junior standing; permission of the dean.

MTH 49000-49999 - Special Topics in Mathematics (3)

MUS - Music

MUS 10000 - Fundamentals of Music (3)

This course serves as an introduction to the elements of music: pitch, rhythm, harmony, dynamics, timbre, texture, and form. Emphasis on notation, scales, tonality, keys, modes, intervals, and transpositions. This course does not satisfy the GE-Human Culture: Arts requirement.

Offered: Fall.

MUS 10101 - First Year Seminar in Music (1)

This course is an orientation to the field of music for music majors, including opportunities within the department and various external companies and organizations.

Offered: Fall.

MUS 10200 - Concert/Recital Attendance (0)

All music majors are required to enroll in this course every fall and spring semester throughout their program of study, excluding the semester of student teaching or internship. Attendance at a minimum number of concerts and recitals is required. Pass/Fail grading. May be repeated.

Offered: Fall/Spring.

MUS 104XX - Private Lessons (1-2)

Courses with numbers 10442 through 10470 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10442 - Applied Music (1-2)

Prerequisite: The ability to read music and permission of dean. Offered: Fall/Spring.

MUS 10443 - Private Lessons: Bassoon (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10445 - Private Lessons: Clarinet (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10446 - Private Lessons: Double Bass (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10448 - Private Lessons: French Horn (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10449 - Private Lessons: Guitar (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10450 - Private Lessons: Bass Guitar (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10451 - Private Lessons: Flute (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10452 - Private Lessons: Oboe (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10454 - Private Lessons: Percussion (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10455 - Private Lessons: Piano (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10456 - Private Lessons: Saxophone (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10457 - Private Lessons: Trombone (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10458 - Private Lessons: Trumpet (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10459 - Private Lessons: Tuba (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10460 - Private Lessons: Euphonium (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10461 - Private Lessons: Violin (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10462 - Private Lessons: Voice (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10466 - Private Lessons: Viola (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10467 - Private Lessons: Cello (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10469 - Private Lessons: Drum Set (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10470 - Private Lessons: Jazz Piano (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10471-10474 - Applied Lessons in Jazz and Contemporary Music (1-2)

Courses with numbers 10471 through 10474 are specialized private instruction. May be repeated for credit. Course fee required.

Offered: Fall/Spring.

MUS 10471 - Applied Lessons in Jazz and Contemporary Music: Voice (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10472 - Applied Lessons in Jazz and Contemporary Music: Trumpet (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10473 - Applied Lessons in Jazz and Contemporary Music: Trombone (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 10474 - Applied Lessons in Jazz and Contemporary Music: Saxophone (1-2)

Prerequisite: The ability to read music. Offered: Fall/Spring.

MUS 11400 - Class Piano I (2)

This course offers piano instruction for students with little or no piano background. Emphasis on reading music.

Offered: Fall.

MUS 11500 - Class Piano II (2)

This course is an extension of MUS 11400 that requires increased performance expectations.

Prerequisite: MUS 11400. Offered: Spring.

MUS 11800 - Music Theory for Non-Majors (3)

This course is designed for musical theatre majors and dance majors and serves as an introduction to reading standard music notation. Emphasis on pitch, rhythm, meter, intervals, keys, basic harmony and common musical terms. Students will incorporate basic keyboard and sight-singing skills as an application of the literacy components. Upon completion of this course, musical theatre and dance majors will be able to read and decipher the basic components of the musical score in order to facilitate their performances.

Offered: Spring.

MUS 11900 - Improvisation (1)

Developing basic techniques and approach to improvisation through guided performance practices. Topics to include: call and response, simple melodic phrase construction, modes, major/minor ii-V progressions.

MUS 12400 - Class Voice I (2)

This course serves as an introduction to the fundamental principles and techniques of singing. Emphasis on reading music.

Offered: Fall.

MUS 12500 - Class Voice II (2)

This course serves as an extension of MUS 12400 that requires increased performance expectations.

Prerequisite: MUS 12400. Offered: Spring.

MUS 14100 - Music Theory I (4)

This course is divided into three components: aural training, sight-singing, and music analysis. Aural training includes (a) harmonic, rhythmic, and melodic dictation, (b) aural identification of major and minor scales and triads and melodic intervals up to and including an octave, and (c) error detection. Sight-singing includes singing short melodies at sight, major and minor scales, intervals up to and including an octave, and verbalization of rhythmic exercises. Analysis includes chords, cadences, non-harmonic tones, melodic organization, texture and textural reduction, species counterpoint, and voice leading in four-part chorale writing.

Prerequisite: MUS 10000 with a C or better; a minimum score of 80 percent on the Fundamentals of Music Proficiency Exam. Offered: Spring.

MUS 15000 - Music in America (3)

GE-Human Culture: Arts This course explores the music of America's people, past and present. Includes the great jazz and folk movements, Broadway, gospel, film scores, rock, and popular music styles. Emphasis on listening to, analyzing, and describing music; understanding relationships between music, the arts, and disciplines outside the arts; and understanding music in relation to history and culture.

Offered: Fall/Spring.

MUS 15500 - Jazz History (3)

GE-Human Culture: Arts/Human Diversity This course serves as an historical survey of jazz from its roots and inception through its many diverse permutations. Emphasis on listening to, analyzing, and describing music; understanding relationships between music, the arts, and disciplines outside the arts; and understanding music in relation to history and culture.

Offered: Fall/Spring.

MUS 16500 - Introduction to Music Literature (3)

GE-Human Culture: Arts This course serves as an historical survey of masterworks from diverse genres. Emphasis on listening to, analyzing, and describing music; understanding relationships between music, the arts, and disciplines outside the arts; and understanding music in relation to history and culture.

Offered: Fall/Spring.

MUS 17000 - History of Rock (3)

The social, cultural, and stylistic history of rock music. The course will cover all rock styles and genres that were influenced by rock (including soul, funk, salsa, disco, Punk, and hip-hop). Attention will also be given to the international influences, social influences, cultural influences and the importation/exportation of rock music globally.

Offered: Fall/Spring.

MUS 18600-18699 - Special Topics (1-3)

Special topics in music that may include a performance component. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of dean.

MUS 204XX - Private Lessons (1-2)

Courses with numbers 20442 through 20470 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: MUS 104XX. Offered: Fall/Spring.

MUS 20442 - Applied Music (1-2)

Prerequisite: MUS 10442. Offered: Fall/Spring.

MUS 20443 - Private Lessons: Bassoon (1-2)

Prerequisite: MUS 10443. Offered: Fall/Spring.

MUS 20445 - Private Lessons: Clarinet (1-2)

Prerequisite: MUS 10445. Offered: Fall/Spring.

MUS 20446 - Private Lessons: Double Bass (1-2)

Prerequisite: MUS 10446. Offered: Fall/Spring.

MUS 20448 - Private Lessons: French Horn (1-2)

Prerequisite: MUS 10448. Offered: Fall/Spring.

MUS 20449 - Private Lessons: Guitar (1-2)

Prerequisite: MUS 10449. Offered: Fall/Spring.

MUS 20450 - Private Lessons: Bass Guitar (1-2)

Prerequisite: MUS 10450. Offered: Fall/Spring.

MUS 20451 - Private Lessons: Flute (1-2)

Prerequisite: MUS 10451. Offered: Fall/Spring.

MUS 20452 - Private Lessons: Oboe (1-2)

Prerequisite: MUS 10452. Offered: Fall/Spring.

MUS 20454 - Private Lessons: Percussion (1-2)

Prerequisite: MUS 10454. Offered: Fall/Spring.

MUS 20455 - Private Lessons: Piano (1-2)

Prerequisite: MUS 10455. Offered: Fall/Spring.

MUS 20456 - Private Lessons: Saxophone (1-2)

Prerequisite: MUS 10456. Offered: Fall/Spring.

MUS 20457 - Private Lessons: Trombone (1-2)

Prerequisite: MUS 10457. Offered: Fall/Spring.

MUS 20458 - Private Lessons: Trumpet (1-2)

Prerequisite: MUS 10458. Offered: Fall/Spring.

MUS 20459 - Private Lessons: Tuba (1-2)

Prerequisite: MUS 10459. Offered: Fall/Spring.

MUS 20460 - Private Lessons: Euphonium (1-2)

Prerequisite: MUS 10460. Offered: Fall/Spring.

MUS 20461 - Private Lessons: Violin (1-2)

Prerequisite: MUS 10461. Offered: Fall/Spring.

MUS 20462 - Private Lessons: Voice (1-2)

Prerequisite: MUS 10462. Offered: Fall/Spring.

MUS 20466 - Private Lessons: Viola (1-2)

Prerequisite: MUS 10466. Offered: Fall/Spring.

MUS 20467 - Private Lessons: Cello (1-2)

Prerequisite: MUS 10467. Offered: Fall/Spring.

MUS 20469 - Private Lessons: Drum Set (1-2)

Prerequisite: MUS 10469. Offered: Fall/Spring.

MUS 20470 - Private Lessons: Jazz Piano (1-2)

Prerequisite: MUS 10470. Offered: Fall/Spring.

MUS 20471-20474 - Applied Lessons in Jazz and Contemporary Music (1-2)

Courses with numbers 20471 through 20474 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: MUS 10471-MUS 10474. Offered: Fall/Spring.

MUS 20471 - Applied Lessons in Jazz and Contemporary Music: Voice (1-2)

Prerequisite: MUS 10471. Offered: Fall/Spring.

MUS 20472 - Applied Lessons in Jazz and Contemporary Music: Trumpet (1-2)

Prerequisite: MUS 10472. Offered: Fall/Spring.

MUS 20473 - Applied Lessons in Jazz and Contemporary Music: Trombone (1-2)

Prerequisite: MUS 10473. Offered: Fall/Spring.

MUS 20474 - Applied Lessons in Jazz and Contemporary Music: Saxophone (1-2)

Prerequisite: MUS 10474. Offered: Fall/Spring.

MUS 209XX - Large Ensemble - Instrumental (0-1)

Courses with numbers 20901 through 20907 are large instrumental ensembles. See individual course number for course descriptions. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 20901 - Jazz Band (0-1)

This course is open to all students by audition. May be repeated for credit. Activity fee may be required.

Offered: Fall/Spring.

MUS 20902 - Orchestra (0-1)

This course is open to all students and includes strings, woodwinds, brass, and percussion. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 20904 - Symphonic Band (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Spring.

MUS 20906 - Marching Band (0-1)

This course is open to all students and includes brass, woodwinds, and percussion. May be repeated for credit. Course fee required.

Offered: Fall.

MUS 20907 - Wind Ensemble (0-1)

This course is open to all students by audition. May be repeated for credit. Course fee may be required.

MUS 20918 - Guitar Ensemble (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 210XX - Large Ensemble - Choral (0-1)

Courses with numbers from 21001 through 21005 are large choral ensembles. See individual course numbers for course descriptions. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 21003 - Concert Choir (0-1)

This course is open to all Lindenwood University students by audition. May be repeated for credit. Course fee may be required.

Offered: Fall/Spring.

MUS 21004 - University Men's Chorus (0-1)

This course is open to all male students. May be repeated for credit. Course fee may be required.

Offered: Fall/Spring.

MUS 21005 - University Women's Chorus (0-1)

This course is open to all female students. May be repeated for credit. Course fee may be required.

Offered: Fall/Spring.

MUS 212XX - Small Ensemble - Instrumental (0-1)

Courses with numbers 21211 through 21221 are small, instrumental ensembles. May be repeated for credit. Audition and/or course fee may be required.

MUS 21211 - Instrumental Ensemble: Woodwinds (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 21215 - Instrumental Ensemble: Brass (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 21217 - Instrumental Ensemble: Percussion (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 21219 - Instrumental Ensemble: Strings (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 21221 - Instrumental Ensemble: Jazz (0-1)

This course is open to all students. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 213XX - Small Ensemble - Vocal (0-1)

Courses numbered 213XX are specialty vocal ensembles. May be repeated for credit. Audition and/or course fee may be required.

MUS 21303 - Small Ensemble: Select Treble Ensemble (0-1)

Courses numbered 213XX are specialty vocal ensembles. May be repeated for credit. Audition and/or course fee may be required.

Offered: Fall/Spring.

MUS 21304 - Voices Only (0-1)

Voices Only is Lindenwood's premiere a cappella ensemble. Membership is open to all students by audition and requires multiple performances throughout the year. May be repeated for credit. Course fee may be required.

Offered: Fall/Spring.

MUS 21400 - Piano Proficiency I (1)

Piano instruction for music majors focused on preparation for the piano proficiency exam.

Prerequisite: Sophomore standing. Offered: Fall.

MUS 21500 - Piano Proficiency II (1)

This course is an extension of MUS 21400 that requires increased performance expectations.

Prerequisite: MUS 21400. Offered: Spring.

MUS 21600 - Piano Proficiency III (1)

This course is an extension of MUS 21500 that requires increased performance expectations.

Prerequisite: MUS 21500. Offered: Spring.

MUS 22100 - Woodwind Techniques (1)

This course is a practical study of woodwind methods, materials, and instructional techniques. Course fee required.

MUS 22200 - Brass Techniques (1)

This course is a practical study of brass methods, materials, and instructional techniques. Course fee required.

MUS 22300 - Percussion Techniques (1)

This course is a practical study of percussion methods, materials, and instructional techniques. Course fee required.

MUS 22400 - String Techniques (1)

This course is a practical study of string methods, materials, and instructional techniques. Course fee required.

MUS 22600 - Guitar Techniques (1)

This course is a practical study of guitar methods, materials, and instructional techniques. Course fee required.

MUS 24200 - Music Theory II (4)

This course is an extension of MUS 14100 and is divided into three components: aural training, sight-singing and analysis. Aural training includes (a) advanced harmonic, rhythmic and melodic dictation, (b) aural identification of inverted triads, harmonic intervals up to and including an octave, and seventh chords in root position, and (c) error detection. Sight-singing includes melodies that contain large skips and modulations to closely related keys, ascending and descending intervals up to and including an octave, and verbalization of advanced rhythmic exercises. Analysis includes harmonic progression and rhythm, dominant seventh chords, leading-tone seventh chords, non-dominant seventh chords, secondary dominants and leading-tone chords, modulation, two-part (binary) form and three-part (ternary form).

Prerequisite: MUS 14100. Offered: Fall.

MUS 25000 - Introduction to Music Technology (3)

This course is an introduction to the fundamental technologies of making music with computers. Topics covered include sound, analog and digital audio, audio hardware, recording, signal processing, digital audio workstations, MIDI sequencing and virtual instruments. Significant time will be spent developing music making skills in the digital environment. Additionally, computer music notation skills will be developed through several weeks of intensive Sibelius training.

Prerequisite: MUS 14100 with a C or better.

MUS 27200 - Content and Standards for K-12 Music Education (2)

The purpose of this course is to introduce K-12 instrumental and/or vocal/choral teacher candidates to the

process of designing cohesive, standards-based programs of study.

Prerequisite: EDU 11100;EDU 20200.

MUS 304XX - Private Lessons (1-2)

Courses with numbers 30442 through 30470 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: MUS 204XX. Offered: Fall/Spring.

MUS 30442 - Applied Music (1-2)

Prerequisite: MUS 20442. Offered: Fall/Spring.

MUS 30443 - Private Lessons: Bassoon (1-2)

Prerequisite: MUS 20443. Offered: Fall/Spring.

MUS 30445 - Private Lessons: Clarinet (1-2)

Prerequisite: MUS 20445. Offered: Fall/Spring.

MUS 30446 - Private Lessons: Double Bass (1-2)

Prerequisite: MUS 20446. Offered: Fall/Spring.

MUS 30448 - Private Lessons: French Horn (1-2)

Prerequisite: MUS 20448. Offered: Fall/Spring.

MUS 30449 - Private Lessons: Guitar (1-2)

Prerequisite: MUS 20449. Offered: Fall/Spring.

MUS 30450 - Private Lessons: Bass Guitar (1-2)

Prerequisite: MUS 20450. Offered: Fall/Spring.

MUS 30451 - Private Lessons: Flute (1-2)

Prerequisite: MUS 20451. Offered: Fall/Spring.

MUS 30452 - Private Lessons: Oboe (1-2)

Prerequisite: MUS 20452. Offered: Fall/Spring.

MUS 30454 - Private Lessons: Percussion (1-2)

Prerequisite: MUS 20454. Offered: Fall/Spring.

MUS 30455 - Private Lessons: Piano (1-2)

Prerequisite: MUS 20455. Offered: Fall/Spring.

MUS 30456 - Private Lessons: Saxophone (1-2)

Prerequisite: MUS 20456. Offered: Fall/Spring.

MUS 30457 - Private Lessons: Trombone (1-2)

Prerequisite: MUS 20457. Offered: Fall/Spring.

MUS 30458 - Private Lessons: Trumpet (1-2)

Prerequisite: MUS 20458. Offered: Fall/Spring.

MUS 30459 - Private Lessons: Tuba (1-2)

Prerequisite: MUS 20459. Offered: Fall/Spring.

MUS 30460 - Private Lessons: Euphonium (1-2)

Prerequisite: MUS 20460. Offered: Fall/Spring.

MUS 30461 - Private Lessons: Violin (1-2)

Prerequisite: MUS 20461. Offered: Fall/Spring.

MUS 30462 - Private Lessons: Voice (1-2)

Prerequisite: MUS 20462. Offered: Fall/Spring.

MUS 30466 - Private Lessons: Viola (1-2)

Prerequisite: MUS 20466. Offered: Fall/Spring.

MUS 30467 - Private Lessons: Cello (1-2)

Prerequisite: MUS 20467. Offered: Fall/Spring.

MUS 30471-30474 - Applied Lessons in Jazz and Contemporary Music (1-2)

Courses with numbers 30471 through 30474 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: MUS 20471-MUS 20474. Offered: Fall/Spring.

MUS 30471 - Applied Lessons in Jazz and Contemporary Music: Voice (1-2)

Prerequisite: MUS 20471. Offered: Fall/Spring.

MUS 30472 - Applied Lessons in Jazz and Contemporary Music: Trumpet (1-2)

Prerequisite: MUS 20472. Offered: Fall/Spring.

MUS 30473 - Applied Lessons in Jazz and Contemporary Music: Trombone (1-2)

Prerequisite: MUS 20473. Offered: Fall/Spring.

MUS 30474 - Applied Lessons in Jazz and Contemporary Music: Saxophone (1-2)

Prerequisite: MUS 20474. Offered: Fall/Spring.

MUS 32200 - Trends and Case Studies in the Music Industry (3)

This course examines current events and recent developments in the music industry as they relate to the greater topics of music business including, marketing, promotion, record deals, live, licensing and publishing. This course is repeatable for a maximum of six credit hours.

Prerequisite: MUS 33030. Offered: Fall/Spring.

MUS 32500 - Keyboard Techniques (1)

This course is a practical study of accompaniment and improvisational techniques.

Prerequisite: A minimum score of 80 percent on the Piano Proficiency Exam.

MUS 32600 - Music Entrepreneurship (3)

This course is focused on developing techniques toward creating a meaningful career in the modern music industry. Topics to include: grassroots fan development strategies, do-it-yourself talent management and promotion, performance practices and etiquette, etc. May include a performance component. Activity fee may apply.

Prerequisite: MUS 14100. Offered: Fall.

MUS 32900 - Jazz Keyboard Techniques (1)

The course covers jazz keyboard techniques. Topics include chord voicings, comping in various styles/rhythms, and walking bass lines. Students will develop a working

knowledge of jazz keyboard harmony and performance ability on piano.

Prerequisite: MUS 21500 with a C or better.

MUS 33030 - Music Business I (3)

This course is a study of the organization and operation of principle sectors of the music business. Students will discover and develop understanding for different career opportunities in the industry and how these careers interrelate. Areas of focus include music publishing, licensing, copyright, artist management, recording contracts, record labels, and basic entrepreneurial strategies.

Prerequisite: ENGL 17000. Offered: Fall.

MUS 33040 - Music Business II (3)

This course builds on the foundational topics covered in the prerequisite Music Business I course. Emphasis on the multiple ways the music industry and its sectors use principles and techniques of marketing, promotion, management, and merchandising, including the development, manufacturing, and retailing of musical products. Requires participation in a team-based project related to the music industry.

Prerequisite: MUS 33030. Offered: Spring.

MUS 33600 - Music Composition I (2)

This course is a supervised composition practicum. Primary objectives include composing coherent melodies, harmonic progressions, and bass lines. Shorter compositions will be written for small ensembles.

Prerequisite: MUS 34300.

MUS 33700 - Music Composition II (2)

This course is a supervised composition practicum. Primary objectives include expanding harmonic vocabulary and developing an individual compositional process. Longer compositions will be written for large ensembles.

Prerequisite: MUS 33600.

MUS 33800 - Electronic Music Composition (2)

This course is designed to cultivate contemporary composition techniques associated with electronic music and sound design. Various computer technologies will be utilized including Pro Tools, VST instruments, and digital signal processors.

Prerequisite: MUS 34300 and MUS 38100.

MUS 33900 - Composition Seminar (1)

This course serves as a group discussion for student composers covering a variety of topics. Students and guest composers will present their works for discussion, analysis, and evaluation.

Prerequisite: MUS 33700.

MUS 34300 - Music Theory III (4)

This course is an extension of MUS 24200 and includes the following components: (a) Renaissance and Baroque Periods, including late Renaissance polyphony, two-voice eighteenth-century counterpoint, and the fugue; (b) chromatic harmony, including borrowed chords, Neapolitan sixth chords, and augmented sixth chords; and (c) the Classical Period, including variation technique, sonata form, and rondo forms.

Prerequisite: MUS 24200. Offered: Spring.

MUS 34400 - Music Theory IV (4)

This course is an extension of MUS 34300 and includes the following components: (a) extended and chromatic harmony, including ninth, eleventh, and thirteenth chords, altered dominants, and chromatic mediant; (b) Nineteenth and Twentieth centuries, including the Romantic Period, the Post-Romantic style, Impressionism and related styles, the early Twentieth century, Twelve-Tone technique, and music since 1945.

Prerequisite: MUS 34300. Offered: Fall.

MUS 34500 - Contemporary Harmony (3)

This course examines common practices and music theory structures in popular music since 1900. Primarily, the genres of jazz, pop, rock, and funk will be explored in detail. Areas of music theory covered include contemporary analysis, modal interchange, chord scale theory and nontraditional chord structures.

Prerequisite: MUS 24200.

MUS 35500 - History of Western Music I (3)

GE-Human Culture: Arts/Human Diversity This course is a study of Western art music (Middle Ages to 1750) in historical, stylistic, and cultural contexts.

Prerequisite: ENGL 17000 and sophomore standing. Offered: Fall.

MUS 35600 - History of Western Music II (3)

GE-Human Culture: Arts/Human Diversity This course is a study of Western art music (1750 to the present) in historical, stylistic, and cultural contexts.

Prerequisite: MUS 35500; ENGL 17000; sophomore standing. Offered: Spring.

MUS 35700 - World Music (3)

GE-Human Culture: Arts/Human Diversity This course is a study of non-Western musical cultures. Emphasis on the characteristics of the world's major musical traditions in historical, stylistic, and cultural contexts and vocabulary for effective analysis and description.

Prerequisite: ENGL 17000 and sophomore standing. Offered: Fall/Spring.

MUS 35800 - History and Analysis of Jazz and Contemporary Music (3)

This course is designed to explore the developments in jazz and contemporary music beginning with the groundbreaking bebop movement in the 50s to the present. Emphasis is placed on the evolution of compositional elements and harmonic approach, as well as the key figures of these conceptual milestones and their effect on the musical and social landscape.

Prerequisite: ENGL 17000 with a C or better; sophomore standing. Offered: Fall/Spring.

MUS 36000 - Instrumental Composition and Arranging (3)

This course is an instrumental composition and arranging practicum. Scores are produced for diverse combinations of string, woodwind, brass, percussion, and electronic instruments. Includes a range of styles and forms.

Prerequisite: MUS 24200.

MUS 36500 - Band and Orchestra Techniques (3)

This course offers study of performance objectives, assessment procedures, instructional strategies, literature, resources, and innovative approaches for developing superior concert bands, orchestras, pit bands, jazz bands, marching bands, and pep bands at the middle and high school levels. Includes clinical practice.

Prerequisite: MUS 38400. Offered: Fall.

MUS 36600 - Jazz and Contemporary Arranging (3)

This course is a study of the musical concepts of melody, rhythm, harmony, and form as applied to the principles and techniques of writing and arranging for the rhythm section and horns. This includes the study of lead-lines for solo instruments, two horns, and/or voice. Students study the properties of the trumpet, saxophone, and trombone. Students also explore the writing and arranging processes of standard and spread voicings, as well as approach techniques, melodic embellishment, and guide tone backgrounds. Students apply the writing processes to soli and background writing for two-, three-, four-, and five-part combinations of these instruments.

Prerequisite: MUS 34500 with a C or better.

MUS 37000 - Choral Composition and Arranging (3)

This course in a vocal/choral composition and arranging practicum. Scores are produced for diverse combinations of voices. Includes a range of styles and forms.

Prerequisite: MUS 24200.

MUS 37500 - Choral Techniques and Literature (3)

This course offers study of performance objectives, assessment procedures, instructional strategies, literature, resources, and innovative approaches for developing superior choral ensembles at the middle and high school levels. Includes clinical practice.

Prerequisite: MUS 38500. Offered: Fall.

MUS 37601 - English Diction (1)

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in English. Includes transcription of songs and arias.

Prerequisite: Two semesters of private voice lessons.

MUS 37602 - French Diction (1)

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in French. Includes transcription of songs and arias.

Prerequisite: Two semesters of private voice lessons.

MUS 37603 - Italian Diction (1)

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in Italian. Includes transcription of songs and arias.

Prerequisite: Two semesters of private voice lessons.

MUS 37604 - German Diction (1)

This course serves as a study of the International Phonetic Alphabet as applicable to vocal repertoire in German. Includes transcription of songs and arias.

Prerequisite: Two semesters of private voice lessons.

MUS 37800 - Opera Workshop (1)

Study, rehearsal, and stage production of full-length operas, opera scenes, or shorter, one-act operas. Includes instruction in voice, chorus, set design and construction, properties, make-up, lighting, publicity, and costumes. May be repeated for credit.

Prerequisite: Permission of dean. Corequisite: MUS 10462, MUS 20462, MUS 30462, or MUS 40462.

MUS 37900 - Vocal Pedagogy and Literature (3)

This course offers a broad overview of vocal literature of 18th, 19th, and 20th century as applicable to the solo singer as well as the study of the physiology of the vocal instrument, error detection and correction, the nuances of teaching private voice, and the historic traditions of vocal study. Includes clinical practice.

Prerequisite: Junior standing. Corequisite: MUS 10462, MUS 20462, MUS 30462, or MUS 40462.

MUS 38000 - Instrumental Pedagogy and Literature (3)

This course offers a broad overview of instrumental literature of the 16th, 17th, 18th, 19th, and 20th centuries as applicable to the solo instrumentalist, as well as the study of the nuances of teaching private lessons, error detection and correction, and the historic traditions of teaching instrumental technique as applied to the emphasis of the student. Includes clinical practice.

Prerequisite: Junior standing; concurrent enrollment in private lessons. Corequisite: MUS 104XX, MUS 204XX, MUS 304XX, or MUS 404XX.

MUS 38100 - Music Production I (3)

This course is an introductory examination of the processes, mechanics, and techniques of producing music of any style or genre and for any media application. Beginning with a musical seed and working toward a final mastered recording, the course will explore the entire process of music making. This is a hands-on computer lab course with many creative projects. Emphasis is placed on the technologies of music production including, Digital Audio Workstations (DAWs), MIDI, recording, audio editing/processing and mixing. Time will be dedicated to understanding some of the foundations of music theory in service of composing and songwriting, and the foundations of sound and audio in service of developing music technology skills.

Prerequisite: MUS 24200 and MUS 25000.

MUS 38200 - Music Production II (3)

This course is an extension of MUS 38100 and focuses on further development of production skills by examining advanced Pro Tools operation including recording, sequencing and mixing. Critical listening skills will be developed through analysis of recordings and audio ear-training. Significant time will be dedicated to developing composition skills. Includes several small projects designed to examine technical challenges, and projects with extensive creative components.

Prerequisite: MUS 38100.

MUS 38300 - Introduction to Conducting (3)

This course is a practical study of conducting fundamentals, including score reading, verbal and non-verbal conducting techniques, rehearsal strategies, and performance planning.

Prerequisite: Four credit hours of private lessons on major instrument, four credit hours of ensemble, and junior standing. Offered: Fall.

MUS 38400 - Advanced Conducting-Instrumental (3)

This course is an extension of MUS 38300. Includes advanced techniques for conducting and managing instrumental ensembles. Requires clinical practice and performance at the Student Conductors Concert.

Prerequisite: MUS 38300. Offered: Spring.

MUS 38500 - Advanced Conducting-Choral (3)

This course is an extension of MUS 38300. Includes advanced techniques for conducting and managing choral ensembles. Requires clinical practice and performance at the Student Conductors Concert.

Prerequisite: MUS 38300. Offered: Spring.

MUS 38600-38699 - Special Topics (1-6)

Special topics in music that may include a performance component. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of dean.

MUS 38800 - Junior Recital (1)

This course is a formal recital representing partial culmination of applied studies. Course fee required.

Prerequisite: Concurrent enrollment in private lessons and permission of the dean. Corequisite: MUS 304XX or MUS 404XX. Offered: Fall/Spring.

MUS 404XX - Private Lessons (1-2)

Courses with numbers 40442 through 40467 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: 304XX. Offered: Fall/Spring.

MUS 40442 - Applied Music (1-2)

Prerequisite: MUS 30442. Offered: Fall/Spring.

MUS 40443 - Private Lessons: Bassoon (1-2)

Prerequisite: MUS 30443. Offered: Fall/Spring.

MUS 40445 - Private Lessons: Clarinet (1-2)

Prerequisite: MUS 30445. Offered: Fall/Spring.

MUS 40446 - Private Lessons: Double Bass (1-2)

Prerequisite: MUS 30446. Offered: Fall/Spring.

MUS 40448 - Private Lessons: French Horn (1-2)

Prerequisite: MUS 30448. Offered: Fall/Spring.

MUS 40449 - Private Lessons: Guitar (1-2)

Prerequisite: MUS 30449. Offered: Fall/Spring.

MUS 40450 - Private Lessons: Bass Guitar (1-2)

Prerequisite: MUS 30450. Offered: Fall/Spring.

MUS 40451 - Private Lessons: Flute (1-2)

Prerequisite: MUS 30451. Offered: Fall/Spring.

MUS 40452 - Private Lessons: Oboe (1-2)

Prerequisite: MUS 30452. Offered: Fall/Spring.

MUS 40454 - Private Lessons: Percussion (1-2)

Prerequisite: MUS 30454. Offered: Fall/Spring.

MUS 40455 - Private Lessons: Piano (1-2)

Prerequisite: MUS 30455. Offered: Fall/Spring.

MUS 40456 - Private Lessons: Saxophone (1-2)

Prerequisite: MUS 30456. Offered: Fall/Spring.

MUS 40457 - Private Lessons: Trombone (1-2)

Prerequisite: MUS 30457. Offered: Fall/Spring.

MUS 40458 - Private Lessons: Trumpet (1-2)

Prerequisite: MUS 30458. Offered: Fall/Spring.

MUS 40459 - Private Lessons: Tuba (1-2)

Prerequisite: MUS 30459. Offered: Fall/Spring.

MUS 40460 - Private Lessons: Euphonium (1-2)

Prerequisite: MUS 30460. Offered: Fall/Spring.

MUS 40461 - Private Lessons: Violin (1-2)

Prerequisite: MUS 30461. Offered: Fall/Spring.

MUS 40462 - Private Lessons: Voice (1-2)

Prerequisite: MUS 30462. Offered: Fall/Spring.

MUS 40466 - Private Lessons: Viola (1-2)

Prerequisite: MUS 30466. Offered: Fall/Spring.

MUS 40467 - Private Lessons: Cello (1-2)

Prerequisite: MUS 30467. Offered: Fall/Spring.

MUS 40471-40474 - Applied Lessons in Jazz and Contemporary Music (1-2)

Courses with numbers 40471 through 40474 are specialized private instruction. May be repeated for credit. Course fee required.

Prerequisite: MUS 30471-MUS 30474. Offered: Fall/Spring.

MUS 40471 - Applied Lessons in Jazz and Contemporary Music: Voice (1-2)

Prerequisite: MUS 30471. Offered: Fall/Spring.

MUS 40472 - Applied Lessons in Jazz and Contemporary Music: Trumpet (1-2)

Prerequisite: MUS 30472. Offered: Fall/Spring.

MUS 40473 - Applied Lessons in Jazz and Contemporary Music: Trombone (1-2)

Prerequisite: MUS 30473. Offered: Fall/Spring.

MUS 40474 - Applied Lessons in Jazz and Contemporary Music: Saxophone (1-2)

Prerequisite: MUS 30474. Offered: Fall/Spring.

MUS 40475 - Private Lessons: Jazz and Contemporary Composition (1-2)

This course is a composition practicum with an emphasis on techniques and compositional devices of jazz and contemporary music. Students will develop creative and analytical skills associated with contemporary composition through the implementation of several small projects, each presenting a unique set of problems.

Prerequisite: MUS 36600 with a C or better.

MUS 42000 - Music Marketing (3)

This course examines detailed strategies for marketing music and self-promotion. Topics include marketing, promotion, sales, publicity and fans. Intended for Music Business and Entrepreneurship and Arts and Entertainment Management majors, this course will provide practical, budget-minded, how-to directions for music marketing and branding.

Prerequisite: MRKT 35010 and MUS 33040.

MUS 48800 - Senior Recital (1)

This course is a formal recital and culmination of the degree program. Course fee required.

Prerequisite: Piano Proficiency Exam; concurrent enrollment in private lessons; permission of the dean. Corequisite: MUS 404XX Offered: Fall/Spring.

MUS 48900 - Internship (3-6)

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours.

Prerequisite: ENGL 17000 with a C or better; junior standing; permission of dean. Offered: Fall/Spring.

NPA - Nonprofit Administration**NPA 13000 - Leadership (3)**

This course provides an examination of some of the contemporary definitions of leadership, and developing a personal definition. Selected historical and contemporary models of leadership will be explored, as well as how individual styles compare to such models. Lastly, the application of the foundational areas of leadership to practical and real-life situations within the high school environment will be included. Dual credit high school only. Students must be of high school junior or senior standing, ideally nominated to participate.

NPA 19000-19999 - Special Topics in Nonprofit Administration (1-3)

This will be introductory nonprofit courses. Lab fee may be required.

NPA 20001 - Introduction to Nonprofit Organizations and Community Service (3)

This course will examine and discuss the role of nonprofit organizations in society. The focus will be on the political, social, cultural, and economic impacts including advocacy roles involving scientific, environmental, human services, and human rights issues and will include a volunteer component. Lab fee may be required.

Offered: Fall/Spring.

NPA 20100 - Nonprofit Administration Student Association (1)

This course involves the study and experience of the co-curricular program at Lindenwood University. The class works as a nonprofit organization to identify needs and responses as an organization. Students are expected to attend meetings and work on projects the student association agrees to do. This course may be taken for credit up to four times.

Offered: Fall/Spring.

NPA 20400 - Leadership Experience (1)

This course emphasizes active participation in leadership activities and the organization, staffing, training, financing, and programming of leadership activities. This course can be taken for credit up to four times. Lab fee required.

Offered: Fall.

NPA 29000-29999 - Special Topics in Nonprofit Administration (3)

Courses in topics pertinent to the management of nonprofit organizations. Lab fee may be required.

NPA 30000 - Fundraising (3)

This course examines the differences between for profit and nonprofit organizations and includes examination of philanthropy and techniques of fundraising, relationships with umbrella funding organizations, government funding, and budgeting. Lab fee may be required.

Offered: Spring.

NPA 30200 - Individual Giving and Special Events (3)

This course will examine the creation of an individual giving program and the planning and coordinating of a special event fundraiser for nonprofit organizations. Lab fee may be required.

Prerequisite: NPA 20001 or junior standing.

NPA 30300 - Human Resource Management (3)

This course will examine human resource management procedures as they affect business and nonprofit sectors. Students will explore human resource management from recruitment to selection of personnel, performance evaluation, compensation and benefits, and training and development issues for staff and volunteers. Special emphasis will be placed on the handling of grievances, diversity, discrimination, harassment, and selection and placement issues as they pertain to staff and volunteers. Lab fee may be required.

Prerequisite: NPA 20001 or junior standing. Offered: Spring.

NPA 32000 - Starting a Nonprofit Organization (3)

This experiential learning course will provide students with a conceptual framework and the practical skills of understanding, analyzing, and creating a responsive nonprofit organization based on local community needs. The course uses both a textbook and the hands-on development of an actual nonprofit, given a variety of steps and sequences along with hypothetical situations. The course will combine the study of nonprofit management principles through examination of a nonprofit client/case study. Students will gain real-world exposure to the dynamic forces (management, ethical, legal, technological, global, etc.) intersecting with starting a nonprofit organization. In addition to working with a nonprofit client, students will have an opportunity to

develop and refine critical thinking, written, and oral communication skills in the development and presentation of their professional-caliber final consultation reports. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; NPA 20001.

NPA 34000 - Strategic Planning for Nonprofit Organizations (3)

This course is a review of the steps necessary to do a strategic plan for nonprofit organizations. Students will put together a strategic plan for a local nonprofit organization including an environmental assessment, mission review, discussion of key issues and the strategies for addressing those issues, and develop an implementation action plan. In addition, the class will discuss the process of evaluating programs and planning changes for existing program or development of new programs for a nonprofit organization. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; NPA 20001.

NPA 35100 - Volunteer Management (3)

This course examines concepts, issues, significance of the "voluntary society," recruitment, placement, and volunteer development and the focus is on basic human resource issues; managing diversity; strategies for recruiting, motivating, supervising and evaluating volunteer staff. Lab fee may be required.

Offered: Fall.

NPA 35200 - Management and Human Resource Practices for Nonprofit Organizations (3)

Management methods and human resources practices are applied in the specialized settings of nonprofit organizations in this course. Topics include management of agency staff, volunteers, and client services; program planning and service delivery; and public relations and marketing; trends in national and international philanthropy; the significance of nonprofit and cross-sector partnerships; and understanding the importance of advocacy and lobbying in the nonprofit sector; as well as developing services that effectively respond to diversity in the community. The course also presents effective techniques for supervision and problem solving through the application of human resource management procedures as they nonprofit sectors. Students will explore human resource management from recruitment to selection of personnel, performance evaluation, compensation and benefits, and training and development issues for staff and volunteers. Special emphasis will be placed on the handling of grievances, diversity, discrimination, harassment, and selection and placement issues as they pertain to staff and volunteers.

Prerequisite: ENGL 17000 with a C or better; NPA 20001, MGMT 26032 or junior standing. Offered: Spring.

NPA 36000 - Leadership in Nonprofit Organizations (3)

This course explores the various techniques for exercising influence in structured situations. The emphasis is on leadership research and techniques including the development of attitudes and action for effective leadership. Content includes issues of ethics and professional integrity within the nonprofit sector. Lab fee may be required.

Prerequisite: NPA 20001 or junior standing. Offered: Fall.

NPA 37100 - Grantwriting (3)

This course examines philanthropic grant writing and techniques of fund development. The focus is on relationship building in resource development; writing grants, understanding relationships with umbrella funding organizations, government funding, grantsmanship, and budgeting. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

NPA 37601 - Nonprofit Leadership Conference (3)

The annual Nonprofit Leadership Conference is a capstone experience for students. The purpose of the conference is to expose social sector leaders to a vibrant learning experience centered around six central core competencies: Planning, Governance, Finance/Legal, Fund Development, Communication, Evaluation, and Historical Perspectives.

NPA 38300 - Marketing for Nonprofit Organizations (3)

This course will examine and teach how to create a marketing plan for a nonprofit organization identifying the targets of the plan and addressing what is known as the four P's of marketing: place, public, price and promotion. Lab fee may be required.

Prerequisite: NPA 20001 or junior standing.

NPA 38400 - Program Planning and Evaluation (3)

This course examines the theory behind program outcomes and organizational process evaluation. Students will learn how to create an outcomes evaluation model, understand the importance of evaluation to nonprofit organizations, among others. Lab fee may be required.

Prerequisite: ENGL 17000.

NPA 38500 - Nonprofit Budgeting and Financial Management (3)

This course provides an overview of principles and practices of financial management within nonprofit organizations. Topics covered include appropriate procedures for handling income receipts; developing a budget; reporting mechanisms and requirements, and reading and interpreting financial statements. Emphasis on the unique and accessible presentation of the rules specific to the nonprofit sector while building a framework to

access and apply financial information more effectively. Lab fee may be required.

Prerequisite: NPA 20001 or junior standing. Offered: Fall.

NPA 45000 - Practicum (3-6)

Under the supervision of agency personnel, students will observe and practice nonprofit administration management skills. This course requires 150 hours of participation at a nonprofit agency.

Prerequisite: ENGL 17000 with a C or better; NPA 38000; permission of dean. Offered: Fall/Spring.

NPA 45100 - Nonprofit Leadership Alliance Internship (3)

Under the supervision of agency personnel, students will observe and practice nonprofit administration management skills. This course requires 150 hours of participation at a nonprofit agency.

Prerequisite: ENGL 17000, NPA 35200, permission of the dean, faculty advisor, internship coordinator, junior standing, cumulative 2.5 GPA overall, and cumulative 3.0 GPA in all required degree courses. Offered: Fall/Spring.

NPA 48000 - Senior Seminar (3)

This required capstone seminar must be completed during the last year of baccalaureate study. It provides an opportunity for discussion of professional standards and ethics and an evaluation of case studies related to nonprofit organizations or leadership and management skills.

Prerequisite: Senior status and nonprofit administration program of study. Offered: Spring.

NPA 49000-49999 - Special Topics in Nonprofit Administration (1-6)

This course is a directed study in the management of nonprofit organizations and includes study of unique situations, conditions, and circumstances that occur in nonprofit organizations. Topics may include courses on Program Evaluation, Capital, Endowment and Planned Giving Campaigns, and Major Gifts and Corporate Relations. Can be taken for repeated credit with different topics. Lab fee may be required.

Prerequisite: Permission of dean.

PARA - Paramedicine**PARA 20000 - Foundations of Paramedicine (2)**

This introductory course will introduce students to the practice of paramedicine. Topics discussed include paramedic and emergency medical services (EMS) systems, research, workforce safety and wellness, EMS system communication, therapeutic communication techniques, medical/legal ethics, lifespan development, anatomy and physiology, medical terminology, pathophysiology, and principles of public health. This course, when taken with PARA 21000 and PARA 22000,

meets the requirements to apply for registration with the National Registry of Emergency Medical Technicians and to apply for an EMT license in the State of Missouri.

Offered: Fall/Spring.

PARA 21000 - Paramedic Operations (2)

This course will teach students fundamental principles of paramedic operations and safely working in prehospital settings. Topics include safe operation of a ground ambulance, incident management, multiple casualty incidents, air medical operations, vehicle extrication, hazardous materials awareness, and mass casualty incidents due to terrorism and disaster. This course, when taken with PARA 20000 and PARA 22000, meets the requirements to apply for registration with the National Registry of Emergency Medical Technicians and to apply for an EMT license in the State of Missouri. Lab fee required. Occasional weekend classes may be required.

Prerequisite or Corequisite: PARA 20000.

Offered: Spring.

PARA 22000 - Emergency Medical Technician (5)

This introductory course to Paramedicine provides students with requisite survey medical knowledge and training necessary to function as an Emergency Medical Technician. Topics covered include basic Anatomy and Physiology, Pathophysiology, Pharmacology, Airway Management, Respiration, Artificial Ventilation, Patient Assessment, Medicine, Trauma, and Special Patient Populations. This course, when taken with PARA 20000 (Introduction to Paramedicine), PARA 21000 (Paramedic Operations), meets the requirements to apply for registration with the National Registry of Emergency Medical Technicians and to apply for an EMT license in the State of Missouri.

Prerequisite or Corequisite: PARA 20000, PARA 21000, CPR certification, medical screening, current vaccinations, criminal background check, and drug screen. Evening and weekend rotations may be required. Lab fee required. Occasional weekend classes may be required.

Offered: Spring.

PARA 22100 - Emergency Medical Technician Clinical (1)

Students will perform clinical rotations at program hospitals and clinics to develop EMT skills and competencies under the supervision of licensed clinical preceptors.

Prerequisite or Corequisite: PARA 20000, PARA 21000, CPR certification, medical screening, current vaccinations, criminal background check, and drug screen. Evening and weekend rotations may be required. Lab fee required. Occasional weekend classes may be required.

Offered: Spring.

PARA 23000 - Human Anatomy and Physiology (3)

This survey course is designed to meet the Anatomy and Physiology requirements of the Commission on Accreditation of Allied Health Education Programs (CAAHEP) for paramedic students. The structure and function of all body systems will be studied. Lab fee required.

PARA 30000 - Human Pathophysiology (3)

This course will teach principles of human pathophysiology including the correlation of pathophysiology with disease processes for all body systems. Topics such as basic cellular review, alterations in cells and tissues, cellular injury, the cellular environment, genetics and familial diseases, hypoperfusion, general principles of shock and shock management, self-defense mechanisms, inflammation, variances in immunity and inflammation, and stress and disease. All prerequisite courses must have a grade of C or better.

Prerequisite: BSC 10700 or HFS 20700 or PARA 23000 or BSC 22700 and BSC 22800.

PARA 31000 - Pharmacology (5)

Students will be taught principles of pharmacology including medication safety, legislation, nomenclature, classifications, schedules, pharmacokinetics, pharmacodynamics, storage and security, autonomic pharmacology, metabolism and excretion, mechanism of action, phases of medication activity, medication response relationships, medication interactions, and toxicity. Students will also be taught principles of medication administration including common emergency medications, routes of administration, and medication math. Students will also learn techniques of medication administration including intravenous, intramuscular, subcutaneous, intraosseous, endotracheal, intranasal, inhaled, oral, rectal, dermal and sublingual. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 32000 - Physical Examination and Assessment (3)

Students will learn principles and techniques of physical examination and assessment in both the clinical and prehospital settings. Clinical examination areas include interview techniques, obtaining a patient history, techniques of physical examination and assessment and the integrated physical examination. Prehospital examination topics include scene size-up, primary assessment, history taking, secondary assessment, monitoring devices and reassessment. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 33000 - Paramedic Airway Management (2)

Students will review basic principles of airway management and learn advanced principles and techniques of airway management. Topics covered include relevant anatomy and physiology, assessment, pathophysiology of respiration, assessment of respiration, supplemental oxygen therapy, artificial ventilation, minute ventilation, alveolar ventilation, and the effects of artificial ventilation on cardiac output. Techniques of advanced airway management including endotracheal intubation, nasotracheal intubation, supraglottic airways, blind insertion airway devices, surgical cricothyrotomy and needle cricothyrotomy. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 34000 - Medical Documentation (2)

This technical writing and writing intensive course will provide students with fundamental principles of medical documentation. Topics include general principles of medical documentation, documentation of a patient history and physical, clinical interventions, responses to interventions, and transfer of care. The course will cover legal documentation topics including, confidentiality, privacy, HIPPA, documentation of incident reports, documenting patients who decline medical advice and/or treatments, and creating a legally defensible report. The course will cover principles of electronic record keeping and cumulate in the systematic creation of the integrated prehospital patient care report. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 35000 - Cardiovascular Paramedicine (5)

This course teaches principles of cardiovascular paramedicine. Topics covered include cardiac anatomy and physiology, cardiac electrophysiology, electrocardiogram (ECG) interpretation, basic and advanced 12 lead ECG interpretation, paramedic cardiac patient assessment, cardiac pathophysiology, American Heart Association Advanced Cardiac Life Support (ACLS) treatment guidelines and integrated paramedic management of cardiac patients. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval.

PARA 36000 - Internal Paramedicine (5)

This course teaches principles of internal paramedicine including neurology, abdominal/gastrointestinal disorders, immunology, infectious diseases, endocrine disorders, psychiatric disorders, toxicological issues, respiratory disorders, hematological disorders, genitourinary/renal disorders, gynecological disorders, non-traumatic musculoskeletal disorders and diseases of the eyes, ears, nose and throat. This class will teach integrated paramedic management of internal medicine patients. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Spring.

PARA 37000 - Special Populations in Paramedicine (4)

This course will teach the unique and specific pathophysiology, assessment and management of special patient populations. Students will learn to assess and manage obstetrical patients, neonatal patients, pediatric patients, geriatric patients, and patients with special challenges. The class will teach integrated paramedic management of these unique patients. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 38000 - Trauma Paramedicine (4)

This course will teach the unique and specific pathophysiology, assessment and management of patients with traumatic injuries. Students will learn to assess and manage bleeding and shock, thoracic trauma, abdominal trauma, genitourinary trauma, orthopedic trauma, soft tissue trauma, head, face and neck trauma, spinal trauma, nervous system trauma, burns, environmental emergencies, multi-system trauma and trauma in special populations. The class will teach integrated paramedic management of trauma patients. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 38800 - Paramedicine Clinical I (1)

Students will perform clinical rotations at program hospitals and clinics to develop paramedic skills and competencies under the supervision of licensed clinical preceptors. Lab fee may be required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 38900 - Paramedicine Clinical II (3)

Students will perform clinical rotations at program hospitals and clinics to develop paramedic skills and competencies under the supervision of licensed clinical preceptors. Evening and/or weekend classes may be required. Lab fee may be required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Spring.

PARA 40000 - Paramedic Capstone (2)

This final course is designed to assist the paramedic student with integrating their cumulative paramedic education in order to be a licensed paramedic. Various topics in paramedicine will be discussed. The course also provides preparation to sit for National Registry Paramedic certification and Missouri State Paramedic licensure. Students will also be provided with important life and job skills including resume/curriculum vitae writing, portfolio creation and job interview skills. Students must pass comprehensive written, psychomotor, simulation, and oral evaluations in order to pass the course and sit for National

Registry paramedic certification for Missouri state paramedic licensure. Lab fee required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 40100 - Capstone for the Licensed Paramedic (2)

This final course is designed to assist the paramedic student with integrating their cumulative paramedic education as a licensed paramedic with their baccalaureate studies in order to be a bachelor prepared paramedic. Various topics in paramedicine will be discussed with a focus on current issues in the profession, challenges and leadership. Students will also be required to create a career portfolio that demonstrates their professional education and experience in a meaningful way. Lab fee required.

Prerequisite: Current paramedic license. Paramedic Program Director approval. Offered: Spring.

PARA 41000 - Paramedicine Clinical III (3)

Students will perform clinical rotations at program hospitals and clinics to develop paramedic skills and competencies under the supervision of licensed clinical preceptors. Evening and/or weekend classes may be required. Lab fee may be required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Fall.

PARA 41100 - Paramedic Field Internship (4)

Students will perform as a paramedic on an advanced life support ambulance under the direct supervision of a licensed paramedic preceptor. Students will be expected to manage all aspects of a prehospital incident including scene management, patient assessment and patient management. Students will complete all field hours and competencies required for National Registry certification and Missouri state licensure as a paramedic. Evening and/or weekend classes may be required. Lab fee may be required.

Prerequisite: Admission to paramedic cohort. Paramedic Program Director approval. Offered: Spring.

PARA 42000 - Healthcare Supervision and Management (3)

This course prepares the student to move into a supervisory or management role within the healthcare setting. The course will engage students in the functions of healthcare management, which include planning, organizing, directing, coordinating, and controlling. The course will include principles of supervision and management, authority and responsibility and effective communication. Employee selection, training, performance evaluation, and disciplinary action will be explored.

Prerequisite: Paramedic Program Director approval. Offered: Fall.

PARA 42100 - Healthcare Law and Ethics (3)

This course presents an overview of legal and ethical issues facing healthcare professionals. It provides students with a foundation of health law and ethics and reviews a wide variety of healthcare legal and ethical situations. Course content includes ethical theories and principles, contemporary ethical dilemmas in healthcare, legal aspects for selected healthcare situations, inter-professional roles within ethics committees, and patients' rights and responsibilities. Students will discuss legal and ethical issues to explore personal values, increase sensitivity to others and develop ethical reasoning abilities.

Prerequisite: Paramedic Program Director approval. Offered: Fall.

PARA 42200 - Healthcare Leadership and Organizational Behavior (6)

This course prepares the student to coordinate care, lead teams, and demonstrate high-level decision-making within diverse healthcare settings. Course content examines the many aspects of leadership and organizational behavior, such as leadership theory, individuals' perceptions and attitudes, diversity, communication, motivation, power, stress, conflict management, negotiation models, group dynamics, team building, and managing organizational change. Students will discuss leadership models, behavior, and strategic planning at various organizational levels. Organizational structure, healthcare delivery systems, and change management concepts will be examined in the context of leadership within transforming healthcare organizations.

Prerequisite: Paramedic Program Director approval. Offered: Spring.

PARA 43000 - Principles of Adult Education (3)

This course is designed to prepare entry-level Paramedic educators to teach initial and continuing paramedic education courses. This course meets the 2002 National Highway Traffic Safety Administration National Guidelines for Educating EMS Instructors. Topics covered include roles and responsibilities, administrative issues, legal issues, ethics, learning environments, learning styles, goals and objectives, lesson plans, presentation skills, evaluation techniques, facilitation techniques, communication/feedback, motivation, teaching thinking skills, teaching psychomotor skills, affective domain, discipline, remediation, cultural awareness, teaching resources and research. Students who successfully complete the course with a C or better will be certified as a Missouri EMS Instructor.

Prerequisite: Paramedic Program Director approval. Offered: Fall.

PARA 43100 - Laboratory Skills Instruction (3)

This course is designed to teach Paramedic and EMT instructors how to educate students during psychomotor skills and simulation exercises. Topics covered will

include principles of kinesthetic and psychomotor learning, National Registry psychomotor skills portfolio requirements, laboratory set-up and administration, effective laboratory time management, human resources management, equipment set up and maintenance, principles of moulage, general principles of simulation training, briefing and debriefing of students and evaluation of psychomotor and simulation skills.

Prerequisite: Paramedic Program Director approval.
Offered: Fall.

PARA 43200 - Course Design and Development (3)

This course will teach principles of effective course design and development. Students will learn how to create course learning outcomes that support program and institutional learning outcomes. Students will also learn how to integrate individual didactic, skills, and simulations lessons into a single cohesive course. Course evaluation metrics and feedback is also discussed.

Prerequisite: Paramedic Program Director approval.
Offered: Spring.

PARA 43300 - Student Teaching Practicum (3)

This course is designed for entry-level paramedic educators to learn how apply principles of paramedic education in the didactic and laboratory settings. Students will be paired with a veteran paramedic educator and will assist in teaching a didactic course and a laboratory course under direct supervision. Students will be expected to integrate their knowledge of paramedicine and principles of education to effectively plan, manage and teach a didactic and laboratory EMS course. Students will have to demonstrate mastery of the following skills: lesson plans, course administration, lecture, student evaluation, skills lab administration, skills lab instruction, simulation instruction, conflict resolution and successful transfer of knowledge to students. Lab fee may be required.

Prerequisite: Paramedic Program Director approval.
Offered: Spring.

PARA 45000 - Fire Academy (15)

Students will attend an approved Fire Academy for firefighter training. Additional fee required.

Prerequisite: Paramedic Program Director approval.

PARA 46000 - Military Transition Paramedic (15)

This course is designed for United States military medics with specific military medic certification and two years' of full-time experience as a military medic. This course, when taken in conjunction with PARA 23000, PARA 46100, and PARA 46200, is designed to complete the didactic curriculum gaps in the military medic curriculum and will allow the student to sit for the National Registry paramedic examination. Evening and weekend rotations may be required. Lab fee required.

Prerequisite: Approval from the Paramedic Program Director, valid state or National Registry EMT certification, successful completion of an approved United States Department of Defense military medic education program, two years full time experience as a United States military medic, CPR certification, medical screening, current vaccinations, criminal background check, and drug screen.

PARA 46100 - Military Transition Paramedic Clinical Practicum (6)

This course is designed for United States military medics with specific military medic certification and two years' of full-time experience as a military medic. This course, when taken in conjunction with PARA 23000, PARA 46000, and PARA 46200, is designed to complete the didactic curriculum gaps in the military medic curriculum and allow the student to sit for the student to sit for the National Registry paramedic examination. Evening and weekend rotations may be required. Lab fee required.

Prerequisite: Approval from the Paramedic Program Director, valid state or National Registry EMT certification, successful completion of an approved United States Department of Defense military medic education program, two years' full-time experience as a United States military medic, CPR certification, medical screening, current vaccinations, criminal background check, and drug screen.

PARA 46200 - Military Transition Paramedic Capstone (1)

This final course is designed to assist the paramedic student with integrating their cumulative paramedic education in order to be a licensed paramedic. This course, when taken in conjunction with PARA 23000, PARA 46000, and PARA 46100, is designed to complete the didactic curriculum gaps in the military medic curriculum and allow the student to sit for the student to sit for the National Registry paramedic examination. The course also provides preparation to sit for National Registry Paramedic certification and Missouri State Paramedic licensure. Students will also be provided with important life and job skills including resume/curriculum vitae writing, portfolio creation, and job interview skills. Students must pass comprehensive written, psychomotor, simulation, and oral evaluations in order to pass the course and sit for National Registry paramedic certification for Missouri state paramedic licensure. Evening and weekend rotations may be required. Lab fee required.

Prerequisite: Approval from the Paramedic Program Director, valid state or National Registry EMT certification, successful completion of an approved United States Department of Defense military medic education program, two years' full-time experience as a United States military medic, CPR certification, medical screening, current vaccinations, criminal background check, and drug screen.

PE - Physical Education

PE 10000 - Team Sports (Competitive Sports) (1)

PE 10100 - Recreational Sports I (1)

PE 10200 - Recreational Sports II (1)

PE 10300 - Volleyball (1)

PE 10400 - Softball (1)

PE 10500 - Track and Field (1)

PE 10600 - Flag Football (1)

PE 10700 - Basketball (1)

PE 10800 - Soccer (1)

PE 10900 - Wrestling (1)

PE 11000 - Golf (1)

PE 11200 - Trap/Skeet Shooting (1)

Not open to students with credit in REC 12000.

PE 11400 - Physical Conditioning for Paramedics (1)

This course will provide physical training to prepare the body for the physical exertion of paramedic and firefighter employment. Additional course material will focus on how to train and eat effectively to match the demands of the job. Repeatable for credit.

PE 12000 - Weight Lifting I (1)

PE 12100 - Weight Lifting II (1)

PE 12200 - Orienteering (1)

Not open to students with credit in REC 12500.

PE 12600 - Aerobic Fitness (1)

PE 12700 - Swimming I (1)

PE 12900 - Lifeguarding (1)

PE 13000 - Water Aerobics (1)

PE 13100 - Bowling (1)

PE 13200 - Lifetime Sports (1)

PE 13300 - Tennis I (1)

PE 13400 - Tennis II (1)

PE 13500 - Badminton (1)

PE 13600 - Scuba (1)

Not open to students with credit in REC 13600.

PE 13700 - Archery (1)

Not open to students with credit in REC 13700.

PE 13800 - Racquetball (1)

PE 13900 - Pickleball (1)

PE 14000 - Plyometrics (1)

PE 14100 - Self Defense I (1)

PE 14200 - Cardiovascular Fitness (1)

PE 14300 - Self Defense II (1)

Prerequisite: PE 14100

PE 14400 - Camping (1)

Not open to students with credit in REC 14400.

PE 14500 - Bicycling (1)

Not open to students with credit in REC 14500.

PE 14800 - Hiking (1)

Not open to students with credit in REC 14800.

PE 14900 - Canoeing (1)

Not open to students with credit in REC 14900.

PE 15000 - Foundations of Physical Education (3)

This course is an introductory study of health and physical education intended to help students decide if they wish to major in physical education. The history of physical education is examined with the goal of guiding students in the discovery of themselves and their career interests.

Offered: Fall/Spring.

PE 15100 - Table Tennis (1)**PE 15200 - Rappelling (1)**

Not open to students with credit in REC 15200.

PE 15300 - Officiating of Team Sports (1)**PE 15400 - Billiards and Pool (1)****PE 15500 - Swimming II (1)****PE 15600 - Fencing (1)****PE 15700 - Advanced Lifeguarding/Lifesaving (1)****PE 15800 - Fishing and Fly Tying (1)**

Lab fee required.

PE 15900 - Advanced Fishing and Fly Tying (1)

Lab fee required.

Prerequisite: PE 15800

PE 16100 - Outdoor Education (1)

Not open to students with credit in REC 16100.

PE 18200 - Lifeguard Training (1)**PE 18300 - Lifeguard Management (1)****PE 20100 - Wellness Concepts (1)**

Students will be introduced to the following areas of wellness: physical, mental, social, spiritual, and environmental. Students will explore how each area affects his/her health and well-being. Strategies to be used in everyday life will be discussed and active participation is required.

PE 20300 - Adventure Education and Leadership (3)

This course includes the study of group dynamics and the team building process. Students will learn the facilitation

process and a variety of leadership skills designed to deliver effective team initiative and cooperative experiential learning experiences. Briefing, debriefing, processing, activity sequencing, group development, communication strategies, and activity delivery will be the learning components discussed and experienced in this course. (Not open to students with credit in REC 20300). (PE majors receive three credit hours of lifetime activities towards degree requirements).

PE 26200 - Marathon Course (2)

This is a running/walking course that will guide the student to completing a half marathon (13.1 miles) or full marathon (26.2 miles). This course is designed to be fun, exciting, and physically demanding at times. The student will develop high levels of aerobic fitness and will attain the capacity to complete long distances running at a steady pace. The student will become efficient in running/walking under various conditions such as hills, wind, heat, and cold as well as learn how to perform tempo runs. The student will also develop an understanding of biomechanics, physiology, nutrition, limitations, and necessary preparations to successfully complete a marathon/half marathon. Long runs will be on Saturdays at various running trails throughout the St. Louis area including the Boone Home Campus, Katy Trail, Creve Coeur Park, Forest Park and Grant's Trail. (PE majors receive two credit hours of lifetime activities towards degree requirements). Lab Fee Required.

Offered: Spring.

PE 27000 - Introduction to Fly Rod Building and Trip Preparation (1-3)

This course is an introduction to fly rod building and trip preparation. Objectives include blank selection, tools, adhesives, bonding techniques, finding the spine of the rod, guide placement, rod wrapping, preparing to fish with your new rod, safety, ethics and conservation. Lab fee required.

PE 27001 - Advanced Rod Building (1-3)

This course includes skills in advanced rod building. Objectives include advanced blank selection, techniques, alternate guide placement, decorative rod wrapping, safety, ethics and conservation. Lab fee required.

Prerequisite: PE 27000.

PE 31800 - Coaching with Character (3)

This course is required for all physical education majors. This course examines the complex relationships between a coach and his/her responsibilities to teach values to the team, parents, school, and the community. The student will analyze and evaluate the research in this field. Situations and behavior patterns will also be examined to help coaches make the right decisions.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

PE 33000 - Psychological Aspects of Physical Education (3)

This course includes the theoretical foundations and historical perspectives of sport psychology, altered states of consciousness, the sport personality, motivation, arousal, anxiety, attention, aggression, self-regulation of psychological processes, sport leadership, humanism in sports, cohesiveness, sex roles, social psychological aspects of play, and research methodology.

Prerequisite: PSY 10000.

PE 33100 - Analysis and Teaching of Lifetime Sports (2)

This course includes the study of skill analysis and techniques of teaching team sport activities. An emphasis will be given to exercise, history, strategy, rules, materials, and teaching of the various activities. The students will have opportunities to plan and teach activities through the use of micro and peer-teaching.

Prerequisite: HFS 21500 or PE 15000.

PE 34900 - Organization and Administration of Health and Physical Education (3)

This course includes a study of the organization and administration of the health and physical education program with consideration of such problems as critical issues and present trends, professionalism, class management, facilities, equipment and supplies, budget, intramural programs, and interschool athletics.

Prerequisite: ENGL 17000. Offered: Fall/Spring.

PE 35000 - Theory and Methods of Coaching Football (3)

This course helps prepare students to coach the game of football. Emphasis will be placed on offensive and defensive theory, the kicking game, scouting, and the components of a successful football program.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall/Spring.

PE 35100 - Theory and Methods of Coaching Basketball (3)

This course includes the study of the rules, regulations, and traditions of basketball along with practical techniques for conditioning players, supervising effective practice, planning games, and effective supervision of players during games.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall/Spring.

PE 35200 - Theory and Methods of Coaching Softball and Baseball (3)

This course includes the study of the game of baseball including the rules, important technology, conditioning the players, the fundamentals of offensive play, the

fundamentals of defensive play, the promotion of teamwork, an array of practice techniques, the use of teamwork in successful play, and game coaching.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall/Spring.

PE 35300 - Theory and Methods of Coaching Track and Field (3)

This course includes the study of track and field theories, events, history, and outstanding coaches. The student is prepared to coach track and field events.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall/Spring.

PE 35400 - Theory and Methods of Coaching Volleyball (3)

This course includes the study of knowledge, skills, and techniques necessary for coaching volleyball. It includes learning how the skills are performed and participating therein. Practical experience in teaching volleyball is included.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall.

PE 35500 - Theory and Methods of Coaching Soccer (3)

This course is a study of coaching soccer. Emphasis will be placed on specific conditioning for soccer, the technical skills of the game, teamwork, offenses, defenses, the psychology of soccer play, and the game behavior of the coach.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall.

PE 35600 - Theory and Methods of Coaching Weight Training (3)

This course is designed to prepare students to teach and supervise weight training programs in athletic, recreational, and physical education class environment.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall/Spring.

PE 35700 - Theory and Methods of Coaching Wrestling (3)

This course will prepare students to coach interscholastic wrestling. The areas of study include: history, rules, scoring, technology, conditioning, offensive/defensive maneuvers, and actual "on the mat" practice. Additionally, planning and supervising effective practice sessions and administering dual meets and tournaments will be covered.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall.

PE 35800 - Theory and Methods of Coaching Aquatic Sports (3)

This course will prepare students to coach aquatic sports. Emphasis will be placed on specific conditioning,

techniques of each event, and teamwork. Meet administration will also be discussed.

Prerequisite: AT 28500, EXS 25000, HFS 20400, HFS 21500, or PE 15000. Offered: Fall.

PE 42052 - Practicum in Coaching Baseball/Softball (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of baseball/softball. The student may not complete this requirement during season if he/she is a participant in baseball or softball. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of either the baseball team or the softball team, who will also serve as the supervisor/instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a physical education faculty member.

Prerequisite: PE 35200; senior standing. Offered: Fall/Spring.

PE 42053 - Practicum in Coaching Track and Field (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of track and field. The student may not complete this requirement during season if he/she is a participant in track and field. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the track and field team, who will also serve as the supervisor/instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/ instruction will be shared between the head coach and a physical education faculty member.

Prerequisite: PE 35300; senior standing. Offered: Fall/Spring.

PE 42054 - Practicum in Coaching Volleyball (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of volleyball. The student may not complete this requirement during season if he/she is a participant in volleyball. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the volleyball team, who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a physical education faculty member.

Prerequisite: PE 35400; senior standing. Offered: Fall/Spring.

PE 42055 - Practicum in Coaching Soccer (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of Soccer. The student may not complete this requirement during season if he/she is a participant in soccer. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of soccer team, who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a physical education faculty member.

Prerequisite: PE 35500; senior standing. Offered: Fall/Spring.

PE 42056 - Practicum in Coaching Weight Training (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of weight training. The student may not complete this requirement during season if he/she is a participant in weight training. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the weight training team, who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/ instruction will be shared between the head coach and a physical education faculty member.

Prerequisite: PE 35600; senior standing. Offered: Fall/Spring.

PE 42057 - Practicum in Coaching Wrestling (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of Wrestling. The student may not complete this requirement during season if he/she is a participant in Wrestling. Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the Wrestling Team who will also serve as the supervisor /instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a Physical Education faculty member.

Prerequisite: PE 35700; senior standing. Offered: Fall/Spring.

PE 42058 - Practicum in Coaching Aquatic Sports (3)

This course is designed as a culminating experience for the coaching minor. The student must complete a minimum of 150 hours in a practicum placement in the sport of Aquatics. The student may not complete this requirement during season if he/she is a participant in Aquatic Sports.

Placement will generally be with this institution as a student assistant. Duties and responsibilities will be determined by the head coach of the Aquatic team who will also serve as the supervisor/ instructor of the placement. Students may opt to be placed with a local youth or high school team with prior approval. Supervision/instruction will be shared between the head coach and a Physical Education faculty member.

Prerequisite: PE 35800; senior standing. Offered: Fall/Spring.

PE 42059 - Practicum in Adaptive Sports (3)

This course is designed as a culminating experience for the coaching minor and/or adaptive sport minor. The student must complete a minimum of 150 hours in a practicum placement in adaptive sport. The student may not complete this requirement during season if he/she is a participant in adaptive sport. Placement will generally be with adaptive sport organizations in the community. Duties and responsibilities will be determined by the supervisor of that program who will also serve as the supervisor/instructor of the placement. Supervision/instruction will be shared between the supervisor and a Physical Education faculty member.

Prerequisite: HFS 40000; senior standing. Offered: Fall/Spring.

PHRL - Philosophy & Religion

PHRL 10000 - Moral Life (3)

GE-Human Culture: Philosophy What is good? How should we decide what to do? How can we understand moral views we don't accept? These questions inform a philosophical introduction to ethics. We will examine theoretical and applied ethics and stress the development of good moral character and sound moral reasoning.

Offered: Fall/Spring.

PHRL 10200 - Philosophy of Love (3)

GE-Human Culture: Philosophy This is a course in the philosophy of love. It will cover the nature and kinds of love, their relation to human nature, and moral and metaphysical questions concerning the kinds of love. The course will cover the four traditional kinds of love: storge (affection), philia (friendship), eros (romantic/sexual), agape (self-giving). The course will examine how the various kinds of love, and their counterfeits, affect our attempt to live a meaningful life. Discussions will include personal and social ethics and the connection of love to God or the transcendent. NB: The course will deal with sensitive and controversial issues. Only original sources are used.

Offered: Spring.

PHRL 10400 - The Examined Life (3)

GE-Human Culture: Philosophy What does a good life look like? How would we go about settling a question like

this? How does such a question relate to what we know about reality, to our involvement in public life and service, to how we know anything at all? The ancient Greek philosopher, Socrates, famously claimed that the unexamined life is not worth living. Is he right? In this course, we explore the contours of the good life by introducing the basic methods and sub-fields of philosophy through a close reading of the *Apology of Socrates*, Plato's *Republic*, and Aristotle's *Nicomachean Ethics*.

Offered: Fall/Spring.

PHRL 10600 - Mind, Soul, and Body (3)

GE-Human Culture: Philosophy What does it mean to be human? Surely all of us can distinguish humans from non-humans, but how? Is it because we have rationality and free-will, or do we merely appear to have them? Is it because we have moral and civic responsibilities, or are these mere illusions? This course is an introduction to the philosophy of human nature and the methods that philosophers use to construct such theories. We will explore a variety of theories, both Western and Eastern, that offer an account of what it means to be human.

PHRL 11000 - Star Wars and Religion (3)

GE-Human Culture: Religion/Human Diversity Do you like Star Wars? I know, that's a silly question. Of course you do! But did you know that there are many interesting intersections between the Star Wars universe and the major religious traditions in our own universe? This course gives you the chance to explore those intersections while watching and reflecting on the Star Wars films. You will also become more familiar with how religion intersects with contemporary social issues such as race, politics, and sexuality. Remember: do or do not, there is no try. And may the Force be with you!

PHRL 11200 - World Religion: The Meaning of Life (3)

GE-Human Culture: Religion/Human Diversity Most people believe there is purpose to life, but are not able to articulate a specific significance for their own existence. The human search for purpose or meaning may be the primary force in life. Internal conflict stems from one's confrontation with the challenges of life itself. These include the difficulty of discovering one's purpose, the challenge and responsibility of free choice, the stress of individual isolation, and the inevitability of death. This course will look at the world's historical as well as current religious, social, and existential ways of offering meaning or purpose for an individual. Not open to students with credit in PHRL 11600.

PHRL 11400 - The Bible (3)

GE-Human Culture: Religion In this course, you will examine the Bible from the standpoint of the academic

study of religious texts. This course will familiarize you with the content of both the Hebrew Scriptures/Old Testament and the Greek Scriptures/New Testament, and will teach you to use the reasoning abilities and methods employed by modern religious scholars.

Corequisite: ENGL 15000 or EPP 15000.

PHRL 11600 - World Religions (3)

GE-Human Culture: Religion/Human Diversity In this course, you will become familiar with the most influential religious traditions of the world and their scriptures. We will give specific attention to seven major traditions, Hinduism, Buddhism, Taoism, Confucianism, Judaism, Christianity, and Islam. You will read from the best scholarly translations of each tradition's scriptures and think critically about the place and importance of religion in the world today. Not open to students with credit in PHRL 11200.

Offered: Fall/Spring.

PHRL 18000-18999 - Topics in Philosophy & Religion (1-3)

This course is a detailed examination of a topic in philosophy and/or religion. It may focus on a specific problem, a particular thinker, a major work, or an aspect of philosophy and/or religion not covered in other courses.

PHRL 20000 - The Story of Christianity (3)

GE-Human Culture: Religion Discover Christianity's history from the time of Jesus to the present day. You will learn about the figures, events, and issues that shaped Christianity. You will examine topics like the doctrine of the Trinity, Jesus Christ, Saint Augustine of Hippo, the historical differences between Western and Eastern Christianity, the development of Christianity's central rituals and practices, the Reformation(s), and Christianity in the modern world.

PHRL 20200 - Religion in America (3)

GE-Human Culture: Religion Americans are very religious—approximately 80 percent of Americans claim to follow one religion or another! This course will teach you about the history of religious commitment in the United States. We will cover topics like the beliefs, programs, and organizations of the major Protestant denominations, the Roman Catholic Church, and Judaism, minority religious traditions, ecumenical movements, and church-state relations.

PHRL 20400 - Women, Religion, and Violence (3)

GE-Human Culture: Religion/Human Diversity The relationship between women, religion, and violence against women is real but often ignored. You will study Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity,

Islam, and Indigenous African religions as they pertain to women. You will gain an understanding of how each religion engenders violence against women and how women challenge and reconstruct their faiths.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

PHRL 20600 - Jesus (3)

GE-Human Culture: Religion Jesus is everywhere: in memes and on billboards, in South Park episodes, and - of course - in churches all over the world. He even has social media accounts! You might think you know a lot about Jesus, but you've barely scratched the surface. Learn more about this Jewish guy named "Josh" who lived ~2,000 years ago by studying topics like what history can tell us about Jesus's life, what Christians think about him, his place in other religions, his significance for American culture, and what Jesus means for people today.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

PHRL 20800 - Christianity and Politics (3)

GE-Human Culture: Religion This course will introduce you to "political theology"—the way that Christians connect their faith with their politics. More specifically, you will engage with topics like Jesus and the politics of the Roman Empire, how Christians have thought about the relation between church and state, and what Christian political theology might have to say about democracy and politics today.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

PHRL 21000 - Logic (3)

GE-Human Culture: Philosophy Everyone benefits from clear and precise thinking, but have you ever learned the *rules* for such thinking? This course is an introduction to the nature of arguments and the criteria for evaluating and constructing arguments. We explore exciting topics like syllogistic reasoning, rules for definitions, informal fallacies, and the basic principles of propositional logic such as translations into formal language, truth evaluations, rules of inference, proofs, and refutations.

PHRL 21001 - Traditional Logic (3)

GE-Human Culture: Philosophy Having clear ideas, putting them in order, and avoiding mistakes in reasoning is how Lewis Carroll defined logic. We will study Aristotelian logic as giving rules for our commonsense way of thinking. You will learn the three acts of understanding and how to avoid common mistakes in reasoning. Since this is the logic found on most standardized exams it is especially helpful for students planning on graduate programs in law, business, medicine, and other fields.

Offered: Fall.

PHRL 21002 - Symbolic Logic (3)

GE-Math Symbolic logic focuses on the formal structure of reasoning, unlike traditional logic which focuses on natural language. In using symbols and not terms, this kind of logic is more mathematical—in fact, it was developed to incorporate mathematics. We will cover translation, propositional logic, predicate logic, quantification, and identity, using natural deduction.

Offered: Spring.

PHRL 21200 - Ethics (3)

GE-Human Culture: Philosophy Questions like "what is good?" and "what should I do?" have always confronted us. We will cover the development and status of ethics as a theoretical discipline addressing those questions in the western philosophical tradition and the relation of ethics to social and political philosophy.

Offered: Fall.

PHRL 21201 - Contemporary Ethics (3)

GE-Human Culture: Philosophy We will explore contemporary moral theories focusing on their historical sources and modern applications. In particular, you will learn about theories that focus on the consequences of actions (utilitarianism), the motivation for actions (deontology), and the character being developed by actions (virtue ethics), in addition to criticisms of these theories.

PHRL 21202 - Bioethics (3)

GE-Human Culture: Philosophy What is the relationship between medicine and morality? Do healthcare professionals like doctors and nurses have moral obligations? In this class, you will examine how morality is related to diseases, questions of life and death, medical enhancements, and issues related to technology in medicine such as cloning and genetic engineering.

Prerequisite: ENGL 17000 with a C or better.

PHRL 21400 - Philosophy of Art (3)

GE-Human Culture: Philosophy What is art? Can art be good or bad? Is good art related to ethics? Is art merely subjective and emotional, or can it be evaluated objectively based on content that is unique to it? Can we distinguish between high art and low art? This course is a philosophical introduction to such topics where we will explore the nature of art and aesthetic perception.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

PHRL 22000 - Introducing Judaism (3)

GE-Human Culture: Religion/Human Diversity Judaism is the oldest of the Abrahamic faiths and decisively shapes the world we live in today. In this course, you will study the origins, development, theology,

and practices of Judaism by examining each of the three major periods of Judaism's development—the Second Temple, Rabbinic, and Contemporary periods.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

PHRL 22200 - African Diaspora and African American Religions (3)

GE-Human Culture: Religion/Human Diversity You will learn about the religious practices, beliefs, and movements of African Diaspora and African American religions. We will begin with a brief introduction to 'traditional' African religion, particularly those of West Africa. We will look at how the religion brought by slaves to the New World developed and changed in countries outside of the U.S. We will also learn about the development of religion among African Americans, with an eye to the diverse cultural perspectives and complex social systems that have come to define African American religion today. Topics include, but are not limited to, black religions in North America under slavery, black churches, black Muslims, the civil rights movement, and the relation of African American religion to the arts and music.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Offered: Fall/Spring.

PHRL 28000-28999 - Topics in Philosophy & Religion (1-3)

This course is a detailed examination of a topic in philosophy and/or religion. It may focus on a specific problem, a particular thinker, a major work, or an aspect of philosophy and/or religion not covered in other courses.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better.

PHRL 30000 - The Natural Law (3)

GE-Human Culture: Philosophy This course is an introduction to one of the central ideas in philosophy. The idea of a natural law is based on an understanding of the universe as rationally ordered (or ordered in a way open to reason) and that such an order has bearing on human action. The idea of a natural law has influenced philosophy from its earliest beginnings. It has influenced, among many others, Plato, Aristotle, Cicero, Aquinas, Ibn Sina, Moses Maimonides, Thomas Hobbes, Hugo Grotius, John Locke, William Blackstone, Ghandhi, Martin Luther King, Jr., and the development of the Hippocratic Oath and the Universal Declaration of Human Rights. The idea of a natural law also is a bridge to understanding non-western traditions where it is commonplace, such as in Buddhist, Hindu, and Confucian thought. While the natural law has most generally been associated with ethics and political philosophy, and with their application, it has metaphysical and epistemological implications and implications for the philosophy of science. The course will focus on both the historical understanding of a natural law and on its applications. Only original sources are used.

Prerequisite: ENGL 17000 with a C or better.

PHRL 30200 - Political Philosophy (3)

GE-Human Culture: Philosophy This course introduces students to the writings of well-known classical and modern political philosophers and theorists. Instead of secondary accounts or summaries of these writers, students read original thoughts of political thinkers. This course is not open to students with credit in PS 30500. Only original sources are used.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

PHRL 30400 - Philosophy of Law (3)

GE-Human Culture: Philosophy This course introduces students to the Philosophy of Law. We will cover the theoretical frameworks of positivism, natural law, law and economics, and feminism, among other topics. Only original sources are used.

Prerequisite: ENGL 17000 with a C or better.

PHRL 31000 - Religion and the History of Science (3)

GE-Human Culture: Religion The search for an understanding of the origin, function, and purpose of the universe has taken many intellectual forms. In this course, you will investigate the history of science, technology, religion, and philosophy in the West. Beginning with the Greek philosophers, we will look at the early Jewish, Christian, and Muslim attempts to describe nature and the universe. Thinkers in the Middle Ages saw science as a servant to religion, while empiricism brought the scientific revolution. We will discuss topics such as evolution and creation, faith and reason, Einstein's theory of relativity and a 'bendable' universe, quantum mechanics, and string theory.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 31200 - The Psychology of Religion (3)

GE-Human Culture: Religion This course is an overview of the field of psychological study of religion and its impact on the individual. You will study psychological research in the areas of faith development, conversion experiences, religion/ personality/ mental health, and religious development from early childhood through old age.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL.

PHRL 31400 - New Religious Movements in America (3)

GE-Human Culture: Religion There are many different ways to be religious—or non-religious—in today's world. We will study the emergence of New Religious Movements (NRMs), Secret Religious Societies, and alternative spiritual groups, as well as the development of

those who claim atheism, agnosticism, or no religious affiliation (Nones) in the United States.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 31601 - Islam and the West (3)

GE-Human Culture: Religion/Human Diversity Islam is more than jihad. This course will broaden your perspective on the Islamic tradition through a detailed examination of the social history, theology, and philosophy of Islam. You will study topics like: contemporary attitudes in the West towards Islam, Islamic attitudes towards Western society, and the various movements within contemporary Islam.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 31602 - Religions of India (3)

GE-Human Culture: Religion/Human Diversity In this course you will examine the major religious traditions of India: Hinduism, Jainism, Buddhism, and Sikhism. Though the major focus of the course is on India, you will also examine religion throughout South Asia, including present-day Pakistan, Bangladesh, Sri Lanka, Maldives, Nepal, Bhutan and Tibet.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 31603 - Religions of China (3)

GE-Human Culture: Religion/Human Diversity There are four times as many people in China as in the United States. In an increasingly interconnected world, familiarity with the concepts and traditions that shape Chinese life can be a valuable asset. In this class, you will explore the ancient myths and religious traditions of China (like Confucianism, Taoism, and Buddhism), and learn about how they have shaped contemporary Chinese culture.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 32000 - Ancient Philosophy (3)

GE-Human Culture: Philosophy Ancient Greek and Roman philosophers presented their schools of thought as ways of life, not mere arm-chair rambling. Between 600 B.C.E. and 300 C.E., these philosophers put forth arguments about the nature of reality, knowledge, ethics, politics, and the divine that are still applicable to our modern lives. In this course, we analyze the central arguments supporting these views as we explore the works of the Pre-Socratics and Sophists, Socrates, Plato, Aristotle, Epicurus, the Stoics, the Skeptics, and the Neoplatonists.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

PHRL 32200 - Medieval Philosophy (3)

GE-Human Culture: Philosophy This course shows how medieval philosophy remains relevant to contemporary

life. Like their ancient ancestors, philosophers between 300 C.E. and 1400 C.E. understood philosophy as a way of life. During this time, philosophy flourished in harmony with science and religion across the Islamic, European, and Byzantine worlds. In this course, we explore the works of Augustine, Pseudo-Dionysius, Anselm, Ibn Sina, Al-Ghazali, Ibn Rushd, Maimonides, Aquinas, Scotus, among others, to explore questions about the nature of reality, knowledge, the mind, the divine, and ethical, social, and political relations.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

PHRL 32400 - Modern Philosophy (3)

GE-Human Culture: Philosophy What is the nature of mind and world? Can we overcome skepticism? Should we follow reason or experience? We are still dealing with the questions, problems, and answers generated from the revolution in philosophy that gave birth to modern science and the modern world. In this class, we will focus on the nature of the world and our place in it as found in the works of Descartes, Hobbes, Locke, Hume, and Kant, among others.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

PHRL 32600 - Philosophy in Film (3)

GE-Human Culture: Philosophy This course examines moral questions raised through the medium of film and how this medium can raise and address those questions and the challenges they present. These issues are essential for us to live as human beings. The course examines different media properties each time it is offered and may be taken up to two times for a total of six credit hours.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

PHRL 33000 - Christian Theology (3)

GE-Human Culture: Religion Ever wonder what Christians believe about God, Jesus, life, church, the creation of the world, or where evil comes from? All those questions and more answered (or, at least, studied) here! In this course, you will encounter the foundational teachings of the Christian faith from both Protestant and Roman Catholic perspectives.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 33200 - Catholic Identity in the Modern World (3)

GE-Human Culture: Religion The Catholic tradition is one of the oldest and most influential traditions within Christianity. In this course, you will engage the breadth and depth of this tradition, while also thinking critically about how Catholicism has shaped and been shaped by modern Western culture. We will delve into topics like: The Pope, the sacraments, the relationship between nature

and grace, the history of the Catholic Church, Catholic spirituality, and Catholic social teaching.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 33400 - Protestant and Catholic Reformations (3)

GE-Human Culture: Religion Rapid change in religious thought and practice occurred in Europe during the 16th century, giving birth to the Protestant and Catholic traditions as we know them today. We will examine these developments in the context of the Late Middle Ages by considering how historical events and earlier writings may have influenced those thinkers, what the historic impact of their ideas has been, and how Roman Catholicism responded to the Reformation at the Council of Trent.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 34000 - Metaphysics (3)

GE-Human Culture: Philosophy Metaphysics is a sub-field of philosophy that studies the most general and abstract aspects of reality. For instance, what does it mean for something to exist at all? What exactly is causation? What is it to be a substance? How does any concrete entity relate to its properties? Is every entity determined to behave as it does, or do some entities have free-will? Are questions like these even answerable? In this course, we examine Western philosophical approaches to these exciting questions.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

PHRL 34200 - Theories of Knowledge (3)

GE-Human Culture: Philosophy What is knowledge? How can we know? How do we know what we know? These are among the central questions in epistemology, the sub-field of philosophy that examines knowledge, belief, and truth. In this class, we will explore the development of epistemology and the questions it raises.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

PHRL 34400 - Philosophy of Science (3)

GE-Human Culture: Philosophy The philosophy of science explores questions about science itself. What is science? What can science say, or not say, about the world? What is the law of nature? Does science explain or only predict? What rules of logic does science use? In this class, we will search for answers to these questions as we look at how science can be defended in light of modern criticism and the relationship of science to other fields of inquiry.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

PHRL 34600 - Philosophy of Religion (3)

GE-Human Culture: Philosophy Are there compelling arguments in favor of God's existence? What kinds of qualities must God possess if God exists? Does evil in the world provide a reason for why God can't exist? Is belief in God's existence solely a matter of faith and non-rational intuition? Are religious beliefs consistent with contemporary scientific commitments? Are miracles possible? In this course, we examine Western philosophical approaches to these persisting questions.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

PHRL 34800 - Philosophy of Mind (3)

GE-Human Culture: Philosophy Is your mind, your conscious awareness of yourself as a self, nothing more than your physical brain? In this class we explore contemporary philosophical theories concerning the relationship between mind and brain. Some of these theories hold that our mental experiences are wholly physical brain events, while others maintain that there is something non-physical about our mental experience. Some theories seek to harmonize commitments between these prior two camps by appealing to insights from classical philosophy, while others deny certain key presuppositions assumed by the question itself or that the question can even be answered. As we explore the pros and cons of each of these theories, much attention will be given to how they incorporate data from the empirical sciences.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

PHRL 38000-38999 - Topics in Philosophy & Religion (1-3)

This course is a detailed examination of a topic in philosophy and/or religion. It may focus on a specific problem, a particular thinker, a major work, or an aspect of philosophy and/or religion not covered in other courses.

Prerequisite: ENGL 17000 or concurrent enrollment or three credit hours of PHRL courses.

PHRL 40000 - Senior Project (3)

This course provides a capstone experience option for philosophy & religion majors. To complete this project, you will engage in undergraduate research concerning a topic of your interest and under the supervision of a member of the PHRL faculty. You will present your research to your PHRL faculty and fellow students, and submit a final research paper to your advisor.

Prerequisite: Philosophy & Religion program of study; senior standing; permission of the dean.

PHRL 40100 - Philosophy & Religion Internship (1-3)

This internship offers supervised work experience for the advanced student. It requires application of knowledge and skills within the disciplines of philosophy and religion. You will gain valuable insight and experience by working

with a professional in fields related to these disciplines, and the skills that you develop will position you for future success in your career and/or graduate study.

Prerequisite: Permission of the dean.

PHRL 47000-47999 - Advanced Study-Aquinas (5)

The courses are offered at Aquinas Institute of Theology. See philosophy and religion faculty for specific information. Advanced Study offered every semester.

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 47001 - Advanced Study-Aquinas: Proseminar (5)

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 47002 - Advanced Study-Aquinas: Bible Interpretation (5)

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 47003 - Advanced Study-Aquinas: Church History I (5)

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 47004 - Advanced Study-Aquinas: Church History II (5)

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 47005 - Advanced Study-Aquinas: Introduction to Theology and Theological Method (5)

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 47006 - Advanced Study-Aquinas: The Use of Philosophy in Theology (5)

Prerequisite: Nine credit hours of PHRL courses including at least one course at the 30000- or 40000-level with a C or better; ENGL 17000 with a C or better; junior or senior standing; 3.0 GPA; and permission of the dean.

PHRL 48000-48999 - Topics in Philosophy & Religion (1-3)

This course is a detailed examination of a topic in philosophy and/or religion. It may focus on a specific problem, a particular thinker, a major work, or an aspect of philosophy and/or religion not covered in other courses.

Prerequisite: ENGL 17000 or concurrent enrollment; three credit hours of PHRL courses.

PHS - Public Health**PHS 20000 - Foundations of Public Health (3)**

GE-Social Science This course provides a history of public health. It provides learners with the overarching framework, principles, and core responsibilities of public health from a multidisciplinary perspective. It offers students a methodology for understanding populations and population health through an overview of the five core disciplines: epidemiology, biostatistics, environmental health, social and behavioral health, and health policy and management.

PHS 22000 - Public Health and Social Justice (3)

GE-Social Science/Human Diversity This course explores the concept of social justice and its role in the mission of public health. The impact of social justice measures on health disparities, health behaviors and social and physical environment will be examined.

Prerequisite: ENGL 15000.

PHS 24000 - Global Health (3)

GE-Social Science/Human Diversity This course introduces the student to the concept of population health in a global context. In this course, health problems that transcend national borders or have a global economic or political impact are identified and explored.

Prerequisite: ENGL 15000.

PHS 31000 - Introduction to the U.S. Health Care System (3)

This course examines the organization, financing, and delivery of preventive, acute and tertiary health care in the U.S. The effects of market competition and government regulation on healthcare will be explored. Reimbursement mechanisms for medical providers, hospitals, and the pharmaceutical industry are examined as well as the major issues currently facing these groups. The effects of health care reform on healthcare spending, quality of care, and access to care will be discussed.

Prerequisite: PHS 20000 with a C or better.

PHS 31500 - Introduction to Community Structure and Organization (3)

This course provides an introduction to community organization and structure as a basis for assessing and

building community capacity. Strategies, models, and techniques to assess community structure, strengths and areas of need are introduced. Approaches and methods to build community capacity to address systemic problems or change public policy will be explored.

Prerequisite: PHS 20000 with a C or better.

PHS 32500 - Social Determinants of Health and Health Equity (3)

This course builds on the student's basic understanding of social determinants of health and health equity and provides didactic and experiential learning about the mechanisms by which health inequities embed themselves within community culture. The role of epigenetics in health disparities will be examined through the Lifecourse model. Mechanisms through which social determinants operate across the life course to influence health will be discussed. Evidence-based strategies for promoting health equity will be analyzed within the context of the principles of cultural competence, advocacy, and social justice introduced in entry level public health courses.

Prerequisite: PHS 20000 and PHS 22000.

PHS 33200 - Environmental Health (3)

This course examines the relationship between humans and the environment, how the relationships change over time, and what needs to be done to maintain or improve current global environment conditions. It emphasizes the inter-relatedness of personal and community health and how current environmental issues directly affect our lives. In this context, environment is defined in the broadest sense to include the physical environment of air, water, soil as well as the social environment.

Prerequisite: PHS 20000 with a C or better.

PHS 34000 - Health Policy (3)

This course provides an historical overview and current status of health care organization, delivery and finance in the United States. The distribution of and access to medical care and public health services are explored within current political, economic, and social contexts. The role of public and private insurance in the delivery of health care is examined. The role and impacts of politics and advocacy on health policy is discussed.

Prerequisite: HFS 30000 or PHS 20000 with a C or better.

PHS 35300 - Health Communication (3)

This course emphasizes effective communication with a variety of public health stakeholders including consumers, family members, medical providers, community leaders, news media, policy makers, researchers and the general public. The fundamentals of public health communication will be explored. The vital role that public health communication plays in the success of new health care delivery structures, the implementation of health care reform and the adoption of advances in prevention, health promotion and emergency preparedness will be addressed.

Public health communication innovations, tools, technologies, research and strategies will be examined.

Prerequisite: PHS 20000 with a C or better.

PHS 36000 - Introduction to Epidemiology (3)

This course introduces students to the basic science of public health and population health. The course will provide an introduction to the different categories of epidemiology and types of epidemiological studies; and an overview of the disease transmission cycle.

Prerequisite: PHS 20000 with a C or better; MTH 14100 or MTH 24100.

PHS 37000 - Health Promotion (3)

This course explores information necessary to understanding factors that affect human health: health determinants, health indices, health behavior change theories, ethical issues and societal trends. Health promotion and behavior change theories are presented. Professional practice settings, health professions, roles and functions of health professionals and professional health organizations are examined.

Prerequisite: HFS 30000 or PHS 20000 with a C or better.

PHS 37500 - Lifecourse Perspective on Health (3)

This course provides an introduction to life course theory and its application to public health, disease prevention and health promotion. The course provides a conceptual framework with which to understand the interrelationships among biological, psychological, and social factors which influence development and health.

Prerequisite: PHS 20000 and PHS 22000 with a C or better or junior standing.

PHS 37600 - Advanced Epidemiology (3)

This course provides an intermediate depth of knowledge in epidemiologic theory and methods. Concepts include advanced understanding of epidemiologic and clinical study designs; knowledge of classical methods of statistical analyses of epidemiologic studies; an introduction to multivariate regression modeling for epidemiologic and clinical studies; and a foundation for statistical and causal inference.

Prerequisite: PHS 36000 with a C or better.

PHS 37700 - Advancing Health Literacy in Diverse Populations (3)

This course is designed to examine and analyze issues of low health literacy in diverse populations. Measurement tools for assessing health literacy in diverse populations will be explored. Evidence-based strategies and challenges for improving health literacy in diverse populations will be addressed.

Prerequisite: PHS 36000 with a C or better.

PHS 37900 - Emergency Preparedness in Public Health (3)

This course provides a comprehensive overview of public health emergency preparedness and response, including bioterrorism events and threats.

Prerequisite: PHS 20000 and PHS 22000 with a C or better or junior standing.

PHS 38000 - Evidence-Based Practice in Public Health (3)

This course explores the methodology used by public health professionals to develop informed decisions, policies, and programs in response to identified risks to population health. Students will have the opportunity to learn and apply the essential steps in evidence-based public health practice which include finding data and scientific literature to identify effective interventions, weighing these options in recommending an approach to take, and then developing a programmatic response.

Prerequisite: PHS 36000 with a C or better.

PHS 38100 - Health Behavior Change (3)

This course provides an overview of the health behaviors that contribute to disease development and premature death in the United States. The learner will have an opportunity to explore the behavioral and social science factors that influence health and disease, with an emphasis on relevant knowledge for helping individuals make better health-related decisions and changes in their lives. The course explores these factors from the individual to the societal level.

Prerequisite: PHS 20000 and PHS 22000 with a C or better or junior standing.

PHS 38200 - Biostatistics for the Health Sciences (3)

This course explores biostatistics methodologies used in public health practice and research. Included are: measurement methods, descriptive statistics, confidence intervals and hypothesis testing, sample size and power calculations, analysis of variance and multiple comparisons; correlation and regression; multiple regression and statistical control of confounding; logistic regression; and survival analysis.

Prerequisite: PHS 36000 with a C or better.

PHS 38300 - Research Methods in Public Health (3)

This course provides theory and applied experience with methods utilized in public health research and program evaluation.

Prerequisite: PHS 36000 with a C or better.

PHS 38400 - Environmental Health (3)

This course explores the relationship of people to their environment and focuses on how environment impacts physical well-being. Environmental factors involved in transmission of communicable diseases and hazards due to

exposure to chemical and physical materials in our environment will be examined.

Prerequisite: PHS 20000 and PHS 22000 with a C or better or junior standing.

PHS 38500 - Biological Basis of Health and Disease (3)

This course introduces students to the bio-physiologic concepts underlying health and disease. Concepts of health and illnesses will be explored within the context of communities. The course provides individuals from diverse backgrounds with a working knowledge of how genetics, behaviors and environment influence our life course and shape health status. Emphasis will be placed on diseases of public health relevance, including infectious and genetic diseases and chronic disorders such as hypertension, diabetes and obesity.

Prerequisite: PHS 20000 with a C or better.

PHS 38600 - Infectious and Communicable Disease Prevention (3)

This course explores management and control of communicable diseases affecting human populations. Concepts covered include communicable disease prevention, treatment, surveillance, management of outbreaks and epidemics, disease management, modes of transmission, vector ecology and environmental control in the domestic and international settings.

Prerequisite: PHS 20000 and PHS 22000 with a C or better or junior standing.

PHS 38700 - Chronic Disease Prevention (3)

This course explores management and control of chronic diseases affecting human populations. Concepts covered include the historical context of chronic disease development in the U.S., chronic disease surveillance and monitoring, prevention, evidence-based strategies to reduce chronic disease in populations at risk.

Prerequisite: PHS 38500 with a C or better.

PHS 38800 - Money, Politics and Health Advocacy (3)

This course explores how money, politics and advocacy intersect to shape public health policy and practice. The influence of special interest groups and lobbying on public health policy will be examined. Coalition-building and written and verbal advocacy tools as methods to influence public health policy will be addressed.

Prerequisite: PHS 20000 and PHS 22000 with a C or better or junior standing.

PHS 38900 - Independent Research (1-3)

This is an independent research course designed to teach new research methods and enhance research skills using critical thinking, communication, and attention to detail within the public health field. This course is repeatable for credit.

Prerequisite: Permission of dean. Offered: Fall/Spring/Summer.

PHS 41000 - Population Health Assessment and Diagnosis (3)

This course is the first in a series of three courses to prepare the student to assess, implement, and evaluate community intervention programs. This course introduces students to the formal process of community-based health assessment and diagnosis. The course includes community assessment concepts such as statistics on health status as well as tools and methods for the systematic collection, assembly, analysis, and interpretation of data related to the characteristics, resources, and health of the community.

Prerequisite: PHS 38000. Corequisite: PHS 38000.

PHS 43000 - Program Planning for Health Promotion and Prevention (3)

This course is the second in a series of three courses to prepare the student to assess, implement, and evaluate community intervention programs. The course explores the concepts, theories, models and applications of program planning and evidence-based community level interventions. Models of community health program planning, implementation evaluation will be explored.

Prerequisite: PHS 37000; PHS 38000; PHS 41000.

PHS 45000 - Program Evaluation in Public Health (3)

This course is the third in a series of three courses to prepare the student to assess, implement, and evaluate community intervention programs. The course explores models and procedures for evaluating community health programs. The theoretical foundations, design, implementation, efficacy, and effectiveness of selected public health interventions are examined. Practitioner competencies related to community health program evaluation are identified and explored.

Prerequisite: PHS 43000 with a C or better.

PHS 48000 - Capstone Seminar and Project I (3)

This course, taken in the fall semester of the senior year, gives the student the opportunity to apply skills and knowledge gained in the public health program to an authentic public health problem or issue. The student will collaborate with peers to research and present a case study to a panel of guest judges from the community. Students will identify and define a need or problem, find data to establish the magnitude of the problem within the population and identify evidence-based interventions aimed at reducing or ameliorating the problem. This course also provides professional development preparation and grant proposal writing experience.

Prerequisite: Senior standing. Offered: Fall.

PHS 48300 - Internship (3)

The internship will be completed in the area of interest of the student. Students will meet in class weekly and

complete 100 hours of internship service by the end of the semester.

Prerequisite: Senior standing.

PHY - Physics

PHY 11100 - Concepts of Physics (3)

GE-Natural Science This course is designed for non-science majors. Topics covered include force and motion, energy and matter, electricity and magnetism, heat, and sound. The treatment of these topics is largely nonmathematical and emphasizes their application in daily life.

Offered: Fall/Spring.

PHY 11200 - Concepts of Physics Laboratory (1)

GE-Natural Science Lab This course complements PHY 11100 and presents students an opportunity for hands-on experience of the topics covered in the lecture course. Concurrent enrollment in PHY 11100 is required. Lab fee required.

Offered: Fall/Spring.

PHY 11500 - Concepts of Mechanical Physics with Lab (3)

GE-Natural Science with Lab This course is designed for non-science majors. Topics covered include force, motion, energy and sound. The treatment of these topics is largely non-mathematical and emphasizes their application in daily life. Lab fee required.

PHY 25100 - Introductory Physics I (4)

GE-Natural Science with Lab This course is an algebra-based treatment of mechanics including kinematics, vectors, Newton's laws, and conservation of energy and linear momentum. Other topics include rotational motion, moments of inertia, rotational energy, and angular momentum. This course also treats solids, fluids, waves, and sound. Lab fee required.

Prerequisite: MTH 15200, MTH 17300 or MTH 27100.
Offered: Fall/Spring.

PHY 25200 - Introductory Physics II (4)

GE-Natural Science with Lab This course is an algebra based treatment of thermodynamics, electricity and magnetism, including electric fields, Gauss's law, voltage, capacitors, inductors, Kirchoff's laws, AC and DC circuits, and geometric and physical optics. Lab fee required.

Prerequisite: PHY 25100. Offered: Fall/Spring.

PHY 30100 - General Physics I (4)

GE-Natural Science with Lab This course is a calculus based treatment of mechanics for science and engineering students, including kinematics, vectors, Newton's laws, and

conservation laws for energy, linear momentum, and angular momentum. Other topics include equilibrium and elasticity, gravitation, fluids, simple harmonic oscillations, waves, and thermodynamics. Lab fee required.

Prerequisite: MTH 27100. Offered: Fall/Spring.

PHY 30200 - General Physics II (4)

GE-Natural Science with Lab This course is a calculus based treatment of electromagnetism for scientists and engineers, including electric fields, Gauss's law, scalar potential fields, Maxwell's equations, electromagnetic oscillations, electromagnetic waves, and optics. Lab fee required.

Prerequisite: PHY 30100. Offered: Spring.

PHY 30300 - Modern Physics (3)

This course is a calculus-based survey of the important discoveries in 20th century Physics that focuses on special relativity, quantum mechanics, atomic and nuclear physics.

Prerequisite: MTH 27200; CHM 47100 or PHY 30100 with a C or better.

PS - Political Science

PS 15500 - American Government: The Nation (3)

GE-Human Culture: US History/Government This course focuses on introducing students to the skills involved in political analysis. Attention is focused on examining key terms such as "democracy" and "politics" as well as providing students with an overview of American national government.

Offered: Fall/Spring.

PS 15600 - American Government: The States (3)

GE-Human Culture: US History/Government This course focuses on the role and function of state governments in our federal system. Attention is focused on providing students with an ability to analyze state governments through comparison, realizing that there are differences as well as similarities among the fifty states.

Offered: Fall/Spring.

PS 20000 - Methods for Political Science (3)

GE- Social Science How do you know whether our government's policies are really beneficial and lead to a better society? Do we trust what political leaders tell us? How can we be sure statistics aren't being manipulated? Can we be sure that our tax dollars are not being wasted on ineffective or even harmful programs? In this course, you will develop the skills to critically analyze public policy and learn how to determine what policies, programs, and initiatives are truly meaningful and effective. This course will further prepare you to engage in original research and to apply existing research to making sense of politics and policies that affect your daily lives.

Prerequisite: MTH 14100. Offered: Fall.

PS 30000 - Comparative Analysis (3)**GE-Human Culture: Foreign Culture/Human**

Diversity This course focuses on providing students with different methods and approaches used in making political comparisons. Furthermore, students are shown how they can use these methods and approaches in the study of individual countries.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500. Offered: Fall.

PS 30100 - Comparative Public Policy (3)

This course focuses on the study of public policy issues in other countries as a way to provide insight into public policy topics within the United States.

Prerequisite: ENGL 17000; PS 30000.

PS 30700 - Public Affairs: Writing and Reporting (3)

This course focuses on teaching students how to research and write as reporters. In addition, proper ways to conduct an interview will be covered. At the end of the course, students will be expected to present their public affairs papers as on-air essays on Lindenwood University's radio station (KCLC). This course is repeatable.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500.

PS 30800 - Debate (3)

This course is designed to teach students the basics of public policy analysis debate. The course is not just related to actual debates themselves but also the search for information behind the development of positions. Students are taught how to search the Internet and use it in substantive ways. Sometimes this course is also used to help students learn how to write op-ed pieces for the university's newspaper. This course is repeatable for credit.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500.

PS 31000 - Congress, the Presidency, and the Party System (3)

This course focuses on specific issues that help students develop a finer appreciation of the study of American national government. Topics examined include Presidential--Congressional relations, members of Congress and their world, political leadership, and the functions of political parties in elections and public policy.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500. Offered: Fall.

PS 31100 - American Constitutional Law (3)

This course focuses on an in-depth examination of judicial review as well as a close look at different Supreme Court justices. Other topics examined include significant court cases, methods of evaluating liberal/conservative leanings of the court, the impact of the court on public policy, and the methods of constitutional interpretation.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500. Offered: Spring.

PS 32000 - Public Finance (3)

This course focuses on public financial issues at the national, state, and local levels of government. Topics to be covered include taxation at all three levels of government, the role of the Federal Reserve Board, the impact of recession and economic recovery on public finances, and the financing of public programs.

Prerequisite: MTH 14100 with a C or better; HIST 15500, PS 15500, or PS 15600 with a C or better. Offered: Spring.

PS 33050 - Political Economy (3)

At the heart of political economy is a focus upon production and the use of labor and capital. Classical economic writers such as Adam Smith and David Ricardo, as well as more modern era writers such as Joseph Schumpeter and John Kenneth Galbraith, have addressed the relationship of labor and capital to production. These writers, as well as others, and various theories, such as utilitarianism, capitalism, socialism and "the new economy," will be addressed in this course.

Prerequisite: ENGL 17000.

PS 33500 - Public Administration (3)

This course focuses on governmental operations, particularly focusing on federalism, regulatory policy-making and rule-making. In addition, governmental reforms (historical and contemporary) will be examined.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500. Offered: Spring.

PS 34500 - Campaigns and Elections (3)

While broad theme issues such as voting trends over time, realignment versus de-alignment, critical elections, the influence of the media (particularly television) on elections, and voter turnout are addressed, this course also focuses on the specifics of elections approaching or recently ended. By focusing on the recent elections, students can learn how to understand exit polls; the specific issues that are influencing or have influenced those elections, as well as the practical aspects associated with get out the vote drives.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500. Offered: Spring.

PS 36000 - Civil Liberties (3)

This course focuses on both constitutional law and criminal justice issues related to civil liberties. In addition, students will examine the relationship of civil liberties to public policy.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500. Offered: Fall.

PS 36500 - Appreciating Political Books (1-6)

Students taking this course read books and learn how to take notes so that they can use them when discussing the books on a show ("Insight") filmed at the LUTV studio at Lindenwood. Students learn how to "present" themselves on TV and how to conduct a substantive exchange of opinions with other students. Each episode of this show is broadcast several times a semester. This course is repeatable since the books change each semester.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500.

PS 36700 - Directed Research (1-6)

Students work with a department faculty member who will approve an appropriate topic that will lead to a research paper that demonstrates an ability on the part of the student to think and write clearly and analytically. This course can be repeated.

Prerequisite: ENGL 17000 with a C or better; HIST 15500 or PS 15500, or PS 15600.

PS 37500 - Public Affairs Forum (3)

In this course, a faculty member acts as a moderator and instructor. Depending upon the emphasis of the Public Affairs Forum, (e.g., county government efficiency, intergovernmental relations, state and local economic development), students will hear presentations by different practitioners and have the opportunity to ask questions. As assignments, students will write essays that compare and contrast the assigned readings with the course presentations.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500.

PS 45000 - Government Internship (1-6)

You can pursue internship opportunities in relevant government, business, and non-profit organizations and receive credit. You will work closely with both a faculty advisor and internship mentor to apply the knowledge and skills you learn in the classroom to practical situations by completing assignments such as keeping a journal, writing a series of papers, and/or writing a research paper. This course can be repeated.

Prerequisite: ENGL 17000; PS 15500, PS 15600, or HIST 15500.

PS 47500 - Political Literacy (3)

Students will learn to critically analyze and synthesize important historical and contemporary research in political science. This course will introduce students to methods of policy research and data sources. They will learn how to access relevant data related to political developments and trends, and how to conduct original research using data from government records and databases. The course will emphasize research literacy skills, and identification and use of credible information sources.

Prerequisite: ENGL 17000; PS 15500 or PS 15600 or HIST 15500; and at least one course at the PS 30000- or ECON 30000-level. Offered: Spring.

PSY - Psychology**PSY 10000 - Principles of Psychology (3)**

GE-Social Science This course is an exploration of basic psychological concepts, methods, and findings contributing to an understanding of human behavior.

Offered: Fall/Spring/Summer.

PSY 10100 - Interactive Psychology (3)

GE-Social Science Individual activities, group discussion, and a self-directed behavior change project facilitate self-awareness and personal growth. This course is designed for the non-psychology major.

PSY 15700 - Psychology of Leadership (3)

GE-Social Science Students will learn about leadership theory, motivational theory, and emotional intelligence from a psychological perspective. The course will explore the knowledge base and skills necessary to be an effective leader in a variety of settings. Students will think critically about their own leadership abilities and examine their leadership skills and potential as they participate in self-assessments and leadership exercises. Lab fee may be required.

PSY 18100 - Cultural Psychology (3)

GE-Social Science/Human Diversity This course introduces general theories and methods related to culture and diversity. Students learn about the role of culture in human development, examine social relationships, and explore how culture molds cognitive processes, perception, and morality. Students explore the bridge between cultural psychology and identity enabling them to evaluate key concepts including gain a better understanding about group identity formation, stereotyping, prejudice, stigma, and multiculturalism through a cross-cultural framework. Students utilize research methods and analytical techniques of culture psychology to critically examining the topics covered in the course. Lab fee may be required.

PSY 20500 - Human Development (3)

An overview of human development from conception through death. This course provides an introduction to the study of lifespan development focusing on physical, cognitive, and social development.

Prerequisite: PSY 10000. Offered: Fall/Spring.

PSY 20800 - Child Psychology (3)

An introduction to factors influencing children's social, emotional, motor, cognitive, and language development from conception to late childhood.

Prerequisite: PSY 10000. Offered: Fall/Spring.

PSY 21000 - Psychology of Parenting (3)

Theories and research related to parenting are discussed, with a focus on their practical application. Topics include cultural influences on parenting, social expectations of parents, discipline, fostering healthy lifestyles for children, and parenting in special circumstances including divorce, work, foster families, and gay and lesbian parents.

Prerequisite: PSY 10000. Offered: Fall.

PSY 21500 - Careers in Psychology (3)

This course orients students to the discipline of psychology. Topics include the role of research in the field, and the range of specialty fields within the discipline. Provides guidance in the use of APA style and library databases, and explores careers related to the major.

Prerequisite: PSY 10000. Offered: Fall.

PSY 23500 - Death and Dying (3)

This course provides students with the opportunity to examine the nature of death societally, psychologically, medically, and ethically. Hospice care, end-of-life decisions, suicide, homicide, terrorism, bereavement, and memorials will be explored. Special attention will be paid to the technological advancements in death education, grief counseling, and bereavement communities available online.

Prerequisite: PSY 10000. Offered: Fall.

PSY 29000-29999 - Special Topics in Psychology (3)**PSY 30300 - Abnormal Psychology (3)**

This course is a survey of the major classes of mental disorders. Emphasis is on understanding symptoms, the complex interaction of factors related to mental disorders, and controversies in the field.

Prerequisite: PSY 10000. Offered: Fall/Spring/Summer.

PSY 30400 - Basic Research Methods (3)

This course explores the logic and methods of behavioral research. Students complete group research projects designed to reinforce pivotal concepts. Must be taken concurrently with PSY 30600.

Prerequisite: PSY 10000; MTH 14100 or MTH 24100 with a C or better; and one additional PSY, ANT, CCJ, or SOC course. Corequisite: PSY 30600. Offered: Fall/Spring.

PSY 30600 - Behavioral Science Statistics (3)

GE-Math This course emphasizes the application of descriptive and inferential statistics in behavioral science research. Must be taken concurrently with PSY 30400.

Prerequisite: PSY 10000; MTH 14100 or MTH 24100 with a C or better; and one additional PSY, ANT, CCJ, or SOC course. Corequisite: PSY 30400. Offered: Fall/Spring.

PSY 30800 - Psychology of Women (3)

An exploration of historical, biological, sociological and multicultural factors involved in women's experiences around the world. Emphasis includes psychological research and theoretical perspectives that possibly explain gender similarities and differences. Also examines topics relevant to women such as body image, victimization, physical and mental health, achievement and work.

Prerequisite: PSY 20500 or SW 37000.

PSY 30900 - Personality (3)

Explores core concepts in the field of personality, with emphasis on how those concepts are integrated into personality theories and how they are evaluated scientifically. Students apply these concepts in independent projects.

Prerequisite: PSY 30300. Offered: Fall/Spring.

PSY 31100 - Behavior Modification (3)

An exploration of environmental influences on human behavior, with an emphasis on behavior modification procedures and behavior management.

Prerequisite: PSY 30400. Offered: Fall.

PSY 31200 - Psychology of Aging (3)

Examines psychological development in later adulthood, emphasizing the internal and external influences on aging and the dynamics of continuity and change. Emotional, cognitive, and social functioning are addressed.

Prerequisite: PSY 10000; PSY 20500 or SW 37000. Offered: Spring.

PSY 31300 - Psychology of Adolescence (3)

A cultural approach to physical, intellectual, emotional, and social development during adolescence. Historical context and research are given special attention in studying the development of personal identity, changing roles in the family, school, and community, and problems of adjustment, delinquency, and drug abuse.

Prerequisite: PSY 10000; PSY 20500 or SW 37000. Offered: Spring.

PSY 32100 - Health Psychology (3)

An investigation of the psychological influences on health, illness, and the physical, behavioral, and cognitive adaptation to illness. The mind-body relationship is examined through topics including exercise, stress, weight control, pain management, meditation, coping styles, psycho-immunology, and behavioral habits.

Prerequisite: ENGL 17000; PSY 10000. Offered: Spring.

PSY 32400 - Psychological Testing (3)

Examines mental measurement theory and the principles of reliability, validity, and standardization as related to the construction and interpretation of tests. Tests of achievement, aptitude, intelligence, interest, and personality are studied as illustrations of the problems of measurement and the variety of solutions to those problems. Ethics of test use receives special consideration.

Prerequisite: PSY 30300; PSY 30400 and PSY 30600 with a C or better. Offered: Fall.

PSY 32500 - Behavioral Neuroscience (3)

This course examines the central nervous system, the development and function of nerve cells, and brain-behavior relationships. Topics include motivation, learning, sensation and perception, movement, emotions, and brain dysfunction.

Prerequisite: PSY 10000: Two PSY courses at or above the 20000-level. Offered: Spring.

PSY 32600 - Sensation and Perception (3)

This course covers the biology of the brain and sensory systems, both of which allow perceptual processing to occur. Our reality is based upon receiving sensory input and giving meaning to that input by translating incoming information into a focused perception of our environment. Each of us has our own personal reality. We will discuss the mechanisms behind our perceptual experiences, as well as the philosophical questions associated with both "normal" and "abnormal" functioning. This class primarily focuses on visual and auditory processing; however, we will also briefly explore other sensory systems and perceptual phenomena.

Prerequisite: PSY 10000 and two psychology (PSY) courses at or above the 20000-level. Offered: Spring.

PSY 33000 - Psychology of Learning and Memory (3)

This course investigates factors involved in acquiring and changing behaviors. Theories, models, and empirical findings in the field of learning and memory are explored.

Prerequisite: PSY 30400 with a C or better. Offered: Fall.

PSY 33100 - Cognitive Psychology (3)

This course examines mental processes related to perception, attention, problem-solving, thinking, and decision making. Theories, concepts, and experimental methods in cognitive research are explored.

Prerequisite: PSY 30400 with a C or better.

PSY 33200 - Psychology of Motivation and Emotion (3)

An analysis of the major theories of motivation, the data on which they are based, and applications of motivation concepts.

Prerequisite: PSY 10000; ENGL 17000 with a C or better. Offered: Fall.

PSY 33400 - Social Psychology (3)

This course examines the effect of the social situation on the individual. Topics include self-perception, social cognition, social influence, attraction and relationships, attitude formation and persuasion, prejudice, and group behavior.

Prerequisite: PSY 10000; ENGL 17000 with a C or better. Offered: Fall/Spring.

PSY 34100 - Psychotherapy (3)

An introduction to the theories, principles, and techniques of various current approaches to psychotherapy.

Prerequisite: PSY 30900 with a C or better. Offered: Spring.

PSY 36500 - Human Sexuality (3)

This course is a survey of theories and research on psychological aspects of human sexual behavior. Topics include male and female sexual development, psychological and cross-cultural perspectives on sexual behavior, sexual behavior in special populations, aberrant sexual patterns, and current sexual trends in America.

Prerequisite: PSY 10000; ENGL 17000 with a C or better. Offered: Fall.

PSY 39000-39999 - Special Topics in Psychology (3)**PSY 40400 - Advanced Research Methods (4)**

This is an advanced course in research design, ethics, and analysis. Students design and conduct original behavioral research, analyze their data, and present their findings to others. Strongly recommended for students planning to pursue graduate study in the social or behavioral sciences.

Prerequisite: PSY 30400 and PSY 30600 with a C or better. Offered: Spring.

PSY 45000 - Psychology Practicum (3)

This course provides opportunities for advanced students to explore applications of psychology in independently-arranged off-campus supervised practicum experiences. Practica require mastery of psychological concepts related to the designated situation. Repeatable at two different practicum sites but can only count as one elective in the general cluster.

Prerequisite: ENGL 17000 with a C or better; minimum GPA of 3.0 in Psychology; junior standing. Offered: Fall/Spring/Summer.

PSY 48000 - Psychology Research Lab (1-6)

Students will plan, execute and report on a project in consultation with a faculty mentor. May be repeated for credit. This is an undergraduate research course.

Prerequisite: PSY 30400; permission of dean.

PSY 48300 - Senior Thesis (4)

This is an independent research experience in which advanced students design, conduct, and write up a substantial original research project. Students are encouraged to present the results of their work at regional and/or national conferences.

Prerequisite: ENGL 17000 with a C or better; PSY 40400 with a B or better; permission of dean. Offered: Fall/Spring.

PSY 48500 - Senior Seminar (3)

This course is a survey of the history of psychology and recent developments in various fields within the discipline. Learning from previous coursework is consolidated and integrated. Relationships between personal characteristics and career choices are explored. Professional issues and ethics are examined.

Prerequisite: 18 credit hours of Psychology courses; senior standing. Offered: Fall/Spring.

REC - Recreation, Sport, and Tourism Management

REC 11300 - Wilderness Survival (2)

This lecture and lab course will introduce students to basic emergency preparedness skills to enhance their preparation for participation in outdoor, life-time sports activities. The course includes a lecture and an overnight field experience simulating a survival situation. Lab fee required.

REC 12000 - Shotgun Shooting Skills (1)

This lecture and lab course will expose the students to the basic knowledge, skills, and tools needed to enjoy the sport of recreational shotgun shooting. Topics to be covered will be safety, shotgun nomenclature, proper shooting stances, and proper shotgun shooting techniques. Lab fee required. Not open to students with credit in PE 11200.

Offered: Fall/Spring.

REC 12100 - Muzzle Loading (1)

This lecture and lab course introduces students to the life-time sport of black powder muzzle loader shooting. Students will be introduced to the history and development of early American firearms and their application as a tool for personal defense, providing food and recreational sport on the American frontier. Students will learn the basics of safely loading and shooting both flint-lock and percussion cap rifles. Lab fee required.

Offered: Fall/Spring.

REC 12200 - Dutch Oven Cooking (1)

This lecture and lab course introduces the student to the life-time activity of Dutch-oven cooking. Students will learn the history of the Dutch Oven, America's official open fire cooking vessel, and preparation of simple meals

to include meats vegetables, soups, breads and desserts over an open fire or a fireplace hearth. The course will enhance ones understanding of frontier life and provide cooking skills for further enjoyment of the outdoors. Lab fee required.

Offered: Fall/Spring.

REC 12400 - Casting and Angling (1)

This lecture and lab course introduces students to the life-time sport of freshwater fishing using spinning and spin-cast reels with ultra-light and standard rods. Students will be introduced to techniques of catching large-mouth bass, bluegill, crappie and other species native to Missouri. The course includes a hands lab at an area lake or pond with an experienced instructor and guide. Lab fee required.

Offered: Fall/Spring.

REC 12500 - Land Navigation (1)

This lecture and lab course introduces the student to the life-time sport of land navigation. Students will be introduced to reading topographic maps and utilizing, standard compasses and Global Positioning Systems, (GPS). Students will participate in both classroom instruction and field exercises. Skills learned in the course will have both recreational and professional applications. Lab fee required. Not open to students with credit in PE 12200.

Offered: Fall/Spring.

REC 12600 - Introduction to Team Building (1)

This lecture and lab course is designed to give students a basic understanding of team building skills and activities that can be used to improve cohesion within a group. Students will learn and participate in twenty to thirty team building activities for improving trust, teamwork, confidence, goal setting, tolerance, patience, and team success. Lab fee may be required.

REC 12700 - Hunting in Missouri (2)

This lecture and lab course introduces students to the life-time sport of recreational hunting with a focus on hunting in Missouri. Instruction includes a strong emphasis on safety, ethics, laws and hunting techniques. Student will participate in field exercises to demonstrate proficiency in handling a firearm safely and responsibly. Students successfully completing the course will earn the Missouri Hunter Education certification card, required in all states and provinces in North America to purchase a hunting license. This course must have a minimum of 10 students or will be cancelled due to hunter safety policies and regulations. Lab fee required. Not open to students with credit in PE 16100.

REC 12800 - Caving (1)

This lecture and lab course will teach the students the life-time sport of recreational caving. Students will be exposed to the basic knowledge, skills and tools needed for proper caving activities. Topics to be covered will be effective group leading, cave formation, biological life forms and geology, safety, proper equipment, and climbing techniques. There will be a lab portion to the class held at Meramec State Park. Lab fee required.

Offered: Fall/Spring.

REC 13600 - Scuba (1)

This course will teach students the basic knowledge of scuba diving with emphasis on risk and safety, equipment, group leadership, and planning for scuba diving expeditions. Lab fee required. Not open to students with credit in PE 13600.

REC 13700 - Archery (1)

This course will teach students the lifetime sport of archery. Students will learn basic knowledge and techniques needed for archery with emphasis on equipment selection and care, safety considerations, and techniques of shooting. Lab fee required. Not open to students with credit in PE 13700.

REC 14400 - Camping (1)

This course will expose students to camping in the outdoors. Wilderness ethics, outdoor cooking, backpacking, and camp selection and clean-up will be taught and demonstrated. Overnight field trip required. Lab fee required. Not open to students with credit in PE 14400.

REC 14500 - Mountain Biking (1)

This course will teach students the fundamentals of mountain biking and trail riding. Equipment selection, riding technique and safety will be examined and demonstrated. Students will need to provide their own bicycle for field trips. Field trips required. Lab fee required. Not open to students with credit in PE 14500.

REC 14600 - Backpacking (1)

This course exposes students to backpacking and living/camping in the primitive outdoors. It will educate them in wilderness awareness/safety, outdoor ethics, cooking, campsite and campfire selection and clean-up, proper leadership practices and preparations for backpacking and outdoors activities, introductory wilderness first aid concepts, and group leadership will be taught, shared, demonstrated and learned.

REC 14800 - Hiking (1)

This course will introduce students to hiking in the outdoors. Emphasis will be on planning and preparing for hikes for individuals and group outings, safety, and outdoor ethics. Field trips required. Lab fee required. Not open to students with credit in PE 14800.

REC 14900 - Canoeing (1)

This course will expose students to the fundamentals of canoeing. Emphasis will be on safety considerations, paddling technique, equipment and trip planning. Field trips required. Lab fee required. Not open to students with credit in PE 14900.

REC 15200 - Rock Climbing (1)

This course will expose students to the fundamentals of rappelling. Students will be instructed on equipment selection, safety issues, knots, belaying, and climbing technique. Field trips required. Lab fee required. Not open to students with credit in PE 15200.

REC 15700 - Recreational Pursuit Resources (2)

This course will expose students to a wide variety of recreational outdoor activities, the public and private entities that administer them and the changes that increasing demand will necessitate in the future. Group dynamics, Leave No Trace, Permits, and Leadership training will be covered in lecture and lab portions of the course to prepare students for future participation and leadership roles in outdoor activities. The course may include five to eight field trips and one over-night field trip. Lab fee required.

Offered: Fall/Spring.

REC 19000-19999 - Special Topics in Recreation, Sport, and Tourism Management (1-3)**REC 20100 - Fundamentals of Interpretation (3)**

This course will introduce the effective oral communication techniques to facilitate the interpretation of natural and cultural resources. Components include audience assessment, non-verbal communication, proper use of carriage and dynamics, and topic research and development. In addition, the course will discuss the use of these interpretation methods and techniques in planning and managing interpretative programs.

Offered: Fall/Spring.

REC 20300 - Adventure Education and Leadership (3)

This course includes the study of group dynamics and the team building process. Students will learn the facilitation process and a variety of leadership skills designed to deliver effective team initiative and cooperative

experiential learning experiences. Briefing, debriefing, processing, activity sequencing, group development, communication strategies, and activity delivery will be the learning components discussed and experienced in this course. Not open to students with credit in PE 20300. Lab fee required.

REC 20600 - Leisure in Contemporary Society (3)

GE-Social Science This course will focus on conceptual foundations for understanding the role of leisure in the quality of life in America. The history of and expanding role of recreation and leisure in the United States will be explored with emphasis on factors influencing leisure, analysis of leisure values as related to individuals and society, and the study of historical significance of key events and individual contributions from cultural, psychological, individual, political, social, and economic points of view.

Offered: Fall/Spring.

REC 21400 - Cultural Tourism (3)

GE-Human Culture: Foreign Culture/Human Diversity This course will examine the cultural characteristics that affect the tourism industry. An analysis of cross-cultural issues will be discussed as it pertains to tourists being exposed to culturally different societies, culture exchanges and interactions, and the influence of national cultures on the tourist as well as the locals.

REC 22000 - Cooperative Educational Programs (2)

This course is designed to prepare students for the professional world of recreation. Course discussion will include professional standards, ethics and evaluation of recreation organizations focusing on leadership and management skills. Students will demonstrate and practice developing a résumé, cover letters, a portfolio, references, related experiences and interviewing skills.

Prerequisite: Junior standing. Offered: Fall.

REC 28200 - Wilderness First Responder (3)

This WFR certification course will cover the knowledge and skills needed to respond to backcountry medical and trauma situations. Emphasis will be on prevention and decision making in emergency situations in remote areas.

Prerequisite: Permission of dean.

REC 31000 - Inclusive and Therapeutic Recreation (3)

This course will introduce students to the inclusive recreation professions person-first philosophy and will outline the therapeutic recreation process as well as its model and modalities of practice. Students will examine trends and issues, looking at demographics, economics, politics, and legislation as they affect the profession. Students will also be exposed to intervention techniques from a number of perspectives including orthopedic and

neurological impairment, developmental disabilities, mental health, youth development, aging and wellness. Students will be required to attend field trips to local recreation sites for hands on learning of the need for more inclusive sites in the local communities.

Prerequisite: ENGL 17000. Offered: Spring.

REC 31100 - Processes & Techniques in Therapeutic Recreation (3)

Review of different techniques and strategies used in working with diverse populations in both clinical and community settings. Special emphasis is given to experiential skills and prescriptive interventions that are purposeful and attached to client goals.

Prerequisite: REC 31000.

REC 31200 - Sports and Society (3)

This course examines the contemporary issues in sport and the impact sport has on society. Topics will include the development of sport, institutions of sport, sport as a business, and sociocultural concerns within American sports.

Prerequisite: ENGL 17000.

REC 31300 - Professional Issues and Current Trends in Therapeutic Recreation (3)

Professional, theoretical, and ethical issues in the delivery of traditional therapeutic recreation programs and services. Emphasis on standards of practice, legislation, health care insurance and reform, application of theory to practice, and issues facing therapeutic recreation practice. This course will also include a seminar in understanding latest technological innovations in the field of Therapeutic Recreation.

Prerequisite: REC 31000.

REC 31400 - Assessment Techniques in Therapeutic Recreation (3)

Exploration of various assessment and evaluation techniques and strategies used in clinical and community settings. Emphasis given to basic psychometrics associated with assessment, construction of assessment tools, use of observation techniques, and how to effectively utilize note-taking strategies. Additional emphasis will be on data reporting and effective application of the therapeutic process connecting assessment, planning, implementation, and evaluation.

Prerequisite: REC 31000.

REC 32000 - Adapted Sports and Therapeutic Recreation Activities (3)

This course is designed to expose the student to the history, future direction, and various types of adapted sport and therapeutic recreation activities that exist for individuals with chronic disease and disability. Students will master general rules, classifications, and modifications for maximum inclusion for sport, physical activity, and

recreation for children and adults of all ages and disabilities to emphasize full potential in life. Specific sports and therapeutic recreation opportunities will be experienced hands on by the student. The student will be able to critically discuss issues surrounding adapted sport, as well as sufficiently design programs and modify physical activity, sport, and therapeutic recreation by developing an inclusive philosophy and atmosphere in programs. Lab fee required.

Prerequisite: ENGL 17000. Offered: Fall.

REC 32300 - General Recreation Programming (3)

This course is designed for the introduction of program planning in recreation settings. Programming models, intervention techniques, planning, marketing implementation and evaluation of recreation programs will be discussed.

Prerequisite: HFS 21500.

REC 32500 - Outdoor Recreation and Leadership (3)

This course is designed for development of skills related to outdoor programming. Students will be exposed to technical, organizational, instructional and facilitative leadership skills that are essential for planning and leading outdoor recreational trips. Lab fee required.

Prerequisite: HFS 21500, NPA 20001 or REC 11300.

REC 32600 - Outdoor Education (3)

This course will expose students to the experiential learning process that takes place in the outdoors. The course will focus on environmental and conservation education, school camping, and wilderness therapy. Lab fee required.

Prerequisite: BSC 11200, BSC 24400, HFS 21500, NPA 20001 or REC 11300.

REC 33300 - Program Design and Assessment in Recreation Therapy (3)

This course provides detailed knowledge of the intervention planning process, including program or treatment plan design and development, programming considerations, types of programs, nature and scope of interventions, and selection of programs to achieve the assessed needs and desired outcomes of the person served.

Prerequisite: REC 31000.

REC 34200 - Camp Management and Leadership (3)

This course will provide students with an understanding of administrative and organizational practices in structured camp settings. Students will be exposed to the theory, practice, and challenges of program planning for youth development within the context of recreation camps. Not open to students with credit in CMS 30500.

Prerequisite: HFS 21500, REC 11300, REC 12500, REC 20300, REC 20600 or REC 32000.

REC 35000 - Tourism and Commercial Recreation (3)

This course is a study of the dynamics of the tourism industry and commercial recreation enterprise as elements of the leisure service delivery system. Course focuses on exploration of the tourism system (market, attractions, services, transportation, accommodations, and marketing and promotion) with emphasis on planning and development, trends, and starting one's own business.

Prerequisite: ENGL 17000.

REC 36200 - Program Design and Event Management (3)

This course provides practical knowledge and experiences as it guides students through the assessment, planning, implementation, and evaluation process for designing programs and managing events offered through recreation, sport and tourism organizations.

Prerequisite: EXS 25000, HFS 21500, NPA 20001, PE 15000, REC 20300, or REC 32000. Offered: Spring.

REC 37000 - Adventure Programming Leadership (3)

This course is a hands-on leadership experience that requires students to plan, organize, and lead a high adventure trips. The students will also learn about group dynamics in outdoor high adventure settings and how to incorporate the appropriate risk management measures.

Prerequisite: HFS 21500, NPA 20001, or REC 11300.

REC 38000 - Recreation and the Natural Environment (3)

This historical overview of the use of natural environments will introduce students to the formal and informal settings of leisure and recreation involvement. The course will also explore the interrelationship among people and the environment.

Prerequisite: HFS 21500, NPA 20001, or REC 11300.

REC 38100 - Recreation Facility Design and Operation (3)

The principles of managing recreation sites and facilities will be studied. Selected urban parks, swimming facilities, and indoor and outdoor sports facilities will serve as examples of management strategies applications. Field trips required.

Prerequisite: EXS 25000, HFS 21500, NPA 20001, PE 15000, REC 20300, REC 32000, or REC 32600. Offered: Spring.

REC 38300 - Recreational Sports Management (3)

This course will teach the fundamental proficiencies to obtain basic skills in operating recreational sports programs. This will include risk and safety issues related to these skill areas.

Prerequisite: HFS 21500.

REC 38500 - Practicum (1-3)

This course provides students with professional experiences in the field of recreation. Students will choose a recreation agency to work with to complete a wide variety of recreation duties in the field. A minimum of 50 hours must be completed per credit. The recreation agency must be approved by the instructor. Course is cross-listed with HFS 35000 Practicum.

Prerequisite: HFS 21500. Offered: Fall/Spring. Cross-Listed as: HFS 35000.

REC 40500 - Research Methods in Recreation, Sport and Tourism (3)

This course is a survey of the development, evaluation, and application of research in recreation and leisure. The use and interpretation of statistical techniques in terms of strengths and weaknesses are considered. Not open to students with credit in HFS 30500. Lab fee required.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall/Spring.

REC 41000 - Recreation Organization and Administration (3)

This course will provide a comprehensive overview of administrative aspects of recreation including financial management strategies and procedures. Leadership styles, employee development, volunteer management, evaluations, and safety issues; including lighting, heat illness, aquatics, playground equipment, drug abuse, and medical emergency plans will be discussed. This course is not open to students with credit in EXS 30000, HFS 33000, or PE 34900.

Prerequisite: HFS 21500 or NPA 20001. Offered: Fall. Cross-Listed as: HFS 33000.

REC 41200 - Leisure and Aging (3)

This course provides an overview of aging with respect to providing therapeutic recreation services to older adults. The course will focus on issues such as physiological, psychological, and socio-economic factors of the aging process; community leisure resources and institutional services; and recreation in assisted living facilities and long-term care settings.

Prerequisite: REC 31000 or PSY 31200.

REC 46200 - Recreation Senior Seminar (3)

This course is designed to draw on the information and skills developed over the course of the recreation program. This course will serve to reinforce the integration of the concepts presented in recreation core courses including foundational concepts and theories, programming, leadership, operations, marketing, administration, evaluation, and professionalism.

Prerequisite: HFS 35000 and REC 36200. Offered: Fall.

REC 47000 - Environmental and Historical Interpretation Methods (3)

Students will be taught the development of effective techniques for interpretation of natural and cultural resources. Also discussed is the use of these interpretation methods and techniques in planning and managing an interpretive program. Required field trips.

Prerequisite: REC 20100.

REC 47200 - Natural Resource Management (3)

The principles and skills required for managing outdoor recreation sites and visitor systems where the natural environment provides the dominant attraction are introduced. Selected parks, resorts, camps, and preserves will serve as example applications of management functions and strategies. Includes required field trips.

Prerequisite: BSC 11200, BSC 24400, HFS 21500, NPA 20001 or REC 11300.

REC 47600 - Wilderness Institute (1-6)

This pass/fail course is an intensive off site training through experiential programs with emphasis in wilderness backcountry skills; leadership and expedition behavior; risk assessment, management and decision making; and environmental studies, ethics, and leave no trace practices. This course can be satisfied by enrolling in any standard NOLS course. Fifty contact hours must be completed per credit hour. NOLS courses are considered 10 contact hours per day. Students must attain a NOLS grade of C or above in all four of the core areas to receive a passing grade.

Prerequisite: BSC 24400, NPA 20001 or REC 20600.

REC 48200 - Internship in Recreation, Sport and Tourism (3-12)

This course provides students with professional experiences in the field of recreation. Students will choose a recreation agency to work with to complete a wide variety of recreation duties in the field. Students enrolled in three-eight credit hours must complete a minimum of 400 hours. Students enrolled in more than eight credit hours must complete an additional 50 hours per credit beyond eight. The recreation agency must be approved by the instructor.

Prerequisite: REC 36200; junior standing; permission of instructor. Offered: Fall/Spring.

REC 49000-49999 - Special Topics in Recreational Administration (1-3)**SCI - Natural Science****SCI 21200 - History of Science (3)**

The course covers the history of the development of science from its recorded beginnings to modern times. An emphasis on the development of the scientific method

throughout history, as well as some discussion of scientific ethics will be presented.

SCI 21400 - Ethical Problems in Science (3)

GE-Natural Science This course must be taken concurrently with CHM 10500 and BSC 11400. This course considers how advances in human technological capabilities pose problems for human societies. The course will focus primarily on threats to human and ecosystem health. Students will evaluate scientific data, the sometimes conflicting interpretations of those data, and their implications for public policy.

Corequisite: BSC 11400; CHM 10500.

SOC - Sociology

SOC 10200 - Basic Concepts of Sociology (3)

GE-Social Science/Human Diversity Students are introduced to the basic concepts and theories of sociology as the scientific study of human society. The course includes such topics as collective behavior, socialization, culture, stratification, social institutions, social control, globalization, and social change.

Offered: Fall/Spring.

SOC 19000-19999 - Special Topics in Sociology (1-6)

SOC 21100 - Introduction to Applied Sociology (3)

This course will provide students the opportunity to learn how to *apply* sociological concepts, theories, and research methods to solve real-life questions and problems. The contexts in which these questions and problems will occur include, but are not limited to, inequality, education, business, religion, government, social service agencies, health care, aging and assisted living, criminal justice, and civic groups. Specific client-based questions and problems will be provided to students from a local community organization, adding a service learning component to this course.

Prerequisite: ENGL 17000. Offered: Spring.

SOC 21400 - The Family (3)

GE-Social Science This course is an exploration of the interpersonal dynamics of family life, the variation in family structure and function in different social classes and cultures.

Offered: Spring.

SOC 22000 - Social Problems (3)

GE-Social Science/Human Diversity This course is a survey of a number of problems often common to the modern world. The relation of these problems to such sociological variables as values, social class, gender, race, and ethnicity is explored.

Offered: Fall.

SOC 29000-29999 - Special Topics in Sociology (1-6)

SOC 30400 - The Sociology of Gender Roles (3)

GE-Social Science/Human Diversity This course addresses the impact of gender roles on everyday life in society. Students examine gender in relation to stratification, equity, lifestyle, and social interaction across cultures.

Prerequisite: ENGL 17000. Offered: Spring.

SOC 31800 - Race, Ethnicity, and Gender: A Global Perspective (3)

GE-Social Science/Human Diversity This course focuses on patterns of race, ethnic, and gender relations throughout the world. Selected issues in contemporary race, ethnic, and gender relations in American society are examined.

Prerequisite: ANT 10000, ANT 11200 or SOC 10200; ENGL 17000; junior standing. Offered: Fall/Spring. Cross-Listed as: ANT 31800.

SOC 32100 - Urban Sociology (3)

This course is an examination of various features of urban life. This includes both physical features of cities as well as the sort of social interactions common to urban life.

Prerequisite: ANT 11200 or SOC 10200; junior standing. Offered: Fall.

SOC 32200 - Social Deviance (3)

This course is a consideration of a variety of norm violations, as manifested in thought and appearance as well as behavior. Explanations of deviance and the responses to it are also examined.

Prerequisite: ANT 11200, CCJ 11000, PSY 10000, or SOC 10200; junior standing. Offered: Fall.

SOC 32600 - Alcohol, Drugs, and Society (3)

This course is a focus on the social forces that surround and contribute to the definition of drugs and alcohol use and abuse. The various legal and other responses to drug use and abuse are also considered.

Prerequisite: ANT 11200, CCJ 20000, PSY 10000, or SOC 10200. Cross-Listed as: CCJ 32600.

SOC 33500 - Sociology of Sport (3)

Sport, as a topic of analysis and investigation, is critical to the understanding of the social world for sport has been defined as a microcosm of society, and more importantly because of the immense role sport plays in American culture. This course will approach sport as a social institution that serves a function, reinforces inequality, provides meaning in and to our everyday lives, and can be defined as an empowering experience/activity. We will use sociological perspectives to analyze both past and present issues surrounding sport and physical activity. Issues covered in this course include race, social class, the

economy, gender, sexuality, disability, and sport as a corporate entity.

Prerequisite: SOC 10200. Offered: Fall.

SOC 39000-39999 - Special Topics in Sociology (1-6)

SOC 40000 - Undergraduate Research (3)

Students will be involved in conducting field research in sociology.

Prerequisite: SOC 10200; ANT 42000 or SOC 42000; ENGL 17000 with a C or better; junior standing.

SOC 42000 - Sociocultural Theory (3)

This course is a survey introduction to the history and contemporary developments in anthropological and sociological theory. The emphasis is on European and early American theorists who had a strong impact on contemporary anthropology and sociology.

Prerequisite: ANT 11200 or SOC 10200; ENGL 17000 with a C or better; junior standing. Offered: Spring. Cross-Listed as: ANT 42000.

SOC 45000 - Internship in Sociology (3-9)

Students will do an internship in a private or public institution or agency with a sociological focus.

Prerequisite: SOC 10200; ENGL 17000 with a C or better; junior standing.

SOC 46000 - Senior Capstone in Sociology (1)

The purpose of this course is two-fold. First, the capstone course will provide seniors in sociology with a culminating experience. In other words, students will engage in discussions, complete readings/assignments, and reflect on course work that will assess their overall learning and utility of sociological content, theories, and methods. Second, the capstone course provides students with the opportunity to develop and plan for employment and/or graduate school. Essentially, this is a course that “wraps up” a sociology major’s learning experience and prepares them for how they can utilize their knowledge and skills in the “real world”. The course is repeatable for a total of three-credit-hours.

Prerequisite: Senior standing.

SOC 48900 - Honors Project (6)

Students will do a specialized in-depth research project with a sociological focus.

Prerequisite: SOC 10200; ENGL 17000 with a C or better; junior standing.

SOC 49000-49999 - Special Topics in Sociology (1-6)

SPA - Spanish

SPA 10100 - Elementary Spanish I (3)

GE-Human Culture: Foreign Language/Human

Diversity Would you like to have basic conversations in Spanish about general topics such as your family, daily activities and pastimes? Are you interested in learning about Hispanic cultures including Latin pop culture and the popular pastime of fútbol? This first-semester course will introduce you to these topics and many others by covering the basic fundamentals of the language. In this course, you will practice using Spanish in a variety of oral and written contexts as you begin to develop basic speaking, listening, reading and writing skills, as well as your knowledge of Hispanic culture.

Offered: Fall/Spring.

SPA 10200 - Elementary Spanish II (3)

GE-Human Culture: Foreign Language/Human

Diversity Do you know some Spanish and would like to learn more? Are you interested in learning about cultural topics such as Hispanic celebrations and food? Do you dream about traveling and being able to buy souvenirs and try different Hispanic dishes and drinks? This second-semester course will review these topics and enable you to describe past experiences and events. In this course, you will continue to practice using Spanish in a variety of oral and written contexts as you develop your speaking, listening, reading and writing skills, as well as your knowledge of Hispanic culture.

Prerequisite: SPA 10100. Offered: Fall/Spring.

SPA 19000-19999 - Special Topics in Spanish (1-6)

SPA 20100 - Intermediate Spanish I (3)

GE-Human Culture: Foreign Language/Human

Diversity Are you interested in going beyond basic conversations in Spanish? Would you like to be able to use more complex language to express your thoughts and opinions? Are you interested in learning about important current and cultural events in the Hispanic world? This third-semester course will review these topics and many others as you deepen your knowledge of the language and culture. In this course, you will continue to practice using Spanish in a variety of oral and written contexts as you develop your speaking, listening, reading and writing skills, as well your knowledge of Hispanic culture.

Prerequisite: SPA 10200. Offered: Fall/Spring.

SPA 20200 - Intermediate Spanish II (3)

GE-Human Culture: Foreign Language/Human

Diversity Do you want to feel comfortable having conversations in Spanish about personal things such as your daily routine, family, home and childhood? Would you like to gain confidence as you talk about more complex topics dealing with issues such as current world events, politics and the workforce? This fourth-semester

course will build on your existing foundation in Spanish and help you gain fluency and confidence in your language abilities. In this course, you will use Spanish in a variety of oral and written contexts as you strengthen your speaking, listening, reading and writing skills, as well as deepening your knowledge of Hispanic culture.

Prerequisite: SPA 20100. Offered: Fall/Spring.

SPA 25000 - Multiculturalism and Multilingualism (3)
GE-Social Science/Human Diversity Have you ever wondered why adults seem to have such a hard time learning a second language? Do you question why you can't roll your r's after years of studying Spanish? Can someone be bilingual but not bicultural, or vice versa? This course answers these questions and many others, providing a comprehensive introduction to the phenomenon of using two or more languages in daily life. Our goal is to not only understand what it means to be bilingual/multilingual, but also to better understand and interact with our bilingual/multilingual friends, business associates, coworkers, students, and other non-monolinguals. We will use research from applied linguistics, cognitive psychology, sociolinguistics, and anthropology to examine the following key topics: defining and measuring bilingualism/multilingualism second language acquisition, language use and choice, bilingual/multilingual literacy, language identity, bilingual education, and cognitive and social effects of bilingualism/multilingualism.

Prerequisite: ENGL 15000 or EPP 15000 with a C or better. Corequisite: ENGL 25000. Offered: Fall.

SPA 28000-28099 - Special Topics (3)
 (Intermediate Level) This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated as topics vary. Lab fee may be required.

SPA 29000-29999 - Special Topics in Spanish (1-6)

SPA 30500 - Advanced Spanish Language (3)
GE-Human Culture: Foreign Language/Human Diversity Would you like to gain more confidence communicating with others in Spanish? Do you get frustrated with the use of ser, estar, preterit, imperfect and the subjunctive? This review course is designed to help you improve your Spanish speaking, listening, reading and writing skills. In this course, you will review the most important grammatical structures and apply what you have learned to everyday oral and written situations. Through systematic grammar review, reading and analysis of cultural and literary materials, formal and informal group discussions, oral presentations, and written assignments, this course will prepare you to interact confidently with others in Spanish in a variety of settings and contexts. Taught in Spanish.

Prerequisite: SPA 20200 with a C or better. Offered: Fall/Spring.

SPA 31000 - Hispanic Cultures I (3)
GE-Human Culture: Foreign Culture/Human Diversity This course is a study of historical, cultural, and folkloric sources of the life and customs of the Spanish and Latin American peoples with emphasis on the social, economic, and intellectual life of Spain and Latin America today. Taught in Spanish.

Prerequisite: SPA 30500 with a C or better. Offered: Fall/Spring.

SPA 31300 - Advanced Spanish Composition Workshop (3)
GE-Human Culture: Foreign Culture/Human Diversity This intensive composition course is designed to polish the student's writing skills in Spanish through practical applications of writing, reading, and editing skills.

Offered: Spring.

SPA 32100 - Practical Oral/Written Expression (3-6)
 This is a Study Abroad course and may be completed at a number of locations. Consult with your Spanish program advisor and the Lindenwood Study Abroad office.

SPA 32101 - Advanced Spanish Grammar (3)
 This is a Study Abroad course and may be completed at a number of locations. Consult with your Spanish program advisor and the Lindenwood Study Abroad office.

SPA 32117 - Special Topics: Culture (3-9)
 This is a Study Abroad course and may be completed at a number of locations. Consult with your Spanish program advisor and the Lindenwood Study Abroad office.

SPA 32500 - Hispanic Texts I (3)
GE-Human Culture: Literature/Human Diversity Through reading and analysis of key literary works from Spain and Latin America, this course examines literary genres and their representative authors, their major works, and influence. The content of the course varies and will present, in a four-year rotation, different themes and periods of Spanish and Spanish-American literatures. Taught in Spanish.

Prerequisite: SPA 30500 with a C or better. Offered: Fall/Spring.

SPA 34400 - LatinX Literature (3)
GE-Human Culture: Literature/Human Diversity This course introduces students to literature of the LatinX communities in the United States. The literature will serve as a focal point for discussing the differing values,

problems, and assertions of the Latin American culture in contrast with the more dominant American culture.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring. Cross-Listed as: ENGL 34400.

SPA 36000 - Spanish Internship I (3)

Spanish Internship I provides students with practical opportunities to use their Spanish skills in the work world. Students will be exposed to a range of professional opportunities in which to practice Spanish.

Prerequisite: SPA 20200 with a C or better. Offered: Fall/Spring/Summer.

SPA 38000-38099 - Special Topics in Spanish (3)

This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated, if circumstances require. Prerequisites vary by topic.

SPA 38100-38199 - Special Topics in Spanish (3)

GE-Human Culture: Foreign Language/Human Diversity This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated, if circumstances require. Prerequisites vary by topic.

SPA 38200-38299 - Special Topics in Spanish (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is designed for individualized study of specific topics within the field of Spanish language, culture, and literature. This course may be repeated, if circumstances require. Prerequisites vary by topic.

SPA 41000 - Hispanic Cultures II (3)

GE-Human Culture: Foreign Culture/Human Diversity This course is an in-depth study of historical, cultural, and folkloric sources of the life and customs of the Spanish and Latin American peoples with emphasis on the social, economic, and intellectual life of Spain and Latin America today. This course is repeatable up to three times. Taught in Spanish.

Prerequisite: SPA 31000 with a C or better. Offered: Fall/Spring.

SPA 42500 - Hispanic Texts II (3)

GE-Human Culture: Literature/Human Diversity Through in-depth reading and analysis of key literary works from Spain and Latin America, this course examines literary genres and their representative authors, their major works, and influence. The content of the course varies and will present, in a four-year rotation, different themes and periods of Spanish and Spanish-American literatures. This course may be repeated up to three times. Taught in Spanish.

Prerequisite: SPA 32500 with a C or better. Offered: Fall/Spring.

SPA 46000 - Spanish Internship II (3)

Spanish Internship II provides students with practical opportunities to master their Spanish skills in the work world. Students will be exposed to a range of professional opportunities to practice Spanish enabling them to critically analyze their experience.

Prerequisite: SPA 36000 with a C or better. Offered: Fall/Spring/Summer.

SPMGT - Sport Management

SPMGT 27020 - Orientation to Sport Management (3)

This course introduces students to the sport management profession and the broad scope of careers currently available in the sport industry. The goal of this course is to provide students with an overview of the sport industry and its relationship to other disciplines. The course will examine the skills necessary to be a successful sport manager and will provide students with knowledge of the various entities involved in sport. Lab fee may be required.

Offered: Fall/Spring.

SPMGT 31200-31299 - Directed Studies in Sport Management (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

SPMGT 33000 - Sport Economics (3)

This course is an introductory applied economics course in sport economics that will provide an overview of the issues at all levels of sport using basic economic principles. Emphasis will be placed on professional sports, but the course will address amateur sports, including collegiate sports. Concepts used in this course will include supply and demand analysis of sport markets, competitive balance as a profit maximization factor, cost issues including labor markets and contract negotiations, public funding and support for sport and entertainment venues, and relevant issues in collegiate sports. Lab fee may be required.

Prerequisite: ECON 23020, ECON 23030, and ENGL 17000 with a C or better.

SPMGT 37030 - Ethical Dilemmas in the Sport Settings (3)

This course explores the unique sport management topic of sport ethics. The goal of this course is for students to have a better understanding of the practical application of ethical leadership for aspiring sport management professionals. Topics will include the ethical values and principles

essential for decision-making, the process for making morally reasoned decisions, the conflict between sportsmanship and gamesmanship, violence in sports, equity issues in sports, competitive advantages in sports, youth sport issues, and commercialized sports in schools and colleges. Students will be challenged to apply moral reasoning to realistic ethical dilemmas as they learn the importance of ethical leadership in the future of sports. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; SPMGT 27020. Offered: Spring.

SPMGT 37040 - Sport Marketing and Promotion (3)

This course examines the unique process of applying marketing principles to the sport industry. The purpose of this course is to survey the functions of sport marketing. Students will learn about integrated marketing strategies within the sport industry and will gain a better understanding of sport consumers, the needs and desires of sport consumers, and the marketing mix as it applies to sport. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; MRKT 35010; SPMGT 27020. Offered: Fall/Spring.

SPMGT 37050 - Event Management (3)

This course focuses on the planning, management, and execution of successful events, such as sporting events, artistic performances, corporate conferences, and community and charitable events. Topics addressed include organizational structure, legal issues, risk analysis, budget preparation, negotiations, vendor relations, product and service development, staff management and development, and post-event analysis. Out of class field experience and training will be scheduled as appropriate. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; MRKT 35010; junior standing. Offered: Fall/Spring.

SPMGT 37060 - Sport Law (3)

This course explores the study of the law as it pertains to sport and physical activity. SPMGT 37060 is an advanced course that is designed to provide students with an overview of legal issues that arise in all areas of sport, recreation, and physical activity. The course will examine torts, Constitutional law, contracts, collective bargaining agreements, agency, and social responsibility in both amateur and professional sport. Lab fee may be required.

Prerequisite: ENGL 17000 with a C or better; junior standing. Offered: Fall/Spring.

SPMGT 37070 - Sales & Sales Management in the Sport & Entertainment Industry (3)

This course is designed to provide students with an introductory understanding of the various sales and sales management aspects of the sports and entertainment industry. The course provides students with the background knowledge and firsthand experience related to

ticket and sponsorship sales, as well as box office management that will prepare them for possible career opportunities with professional teams, collegiate organizations, or opportunities available in the performing arts industry. Students will also understand the application of sales management and introductory financing specific to the sports and entertainment industry. Lab fee may be required.

Prerequisite: ENGL 17000, MRKT 35010, and SPMGT 27020 with a C or better. Offered: Fall/Spring.

SPMGT 39000-39999 - Special Topics in Sport Management (1-3)

SPMGT 41200-41299 - Directed Studies in Sport Management (3)

An independent structured learning experience will be developed to ensure students' knowledge and competencies are achieved in selected topics. Areas of specific need will be pursued to supplement normal classroom instruction.

Prerequisite: ENGL 17000 with a C or better; permission of the dean of the Plaster School of Business & Entrepreneurship.

SPMGT 47080 - Sport Management Policy (3)

This course is an advanced, capstone course that is designed to provide sport management students with a detailed understanding of the sport industry, sport organizations, careers in sport and the decision making principles involved in sport. The course emphasizes the research and communication skills necessary to be a successful manager in the sport industry, and provides students with the ability to evaluate business strategies in the sport industry and understand the business of sport in a global marketplace. Students will also understand the application of marketing and financing specific to the sport industry and discuss ethical decision making in the world and business of sport. Lab fee may be required.

Prerequisite: ENGL 17000 and SPMGT 27020 with a C or better; senior standing. Offered: Fall/Spring.

SPMGT 47095 - Practicum in Sport Management (3)

This course is a class designed to provide sport management students with the practical experience necessary to begin a career in the sport industry. Students will utilize résumé building, communication and networking skills to pursue an internship at an approved site within the sport industry. Students will work 10-20 hours per week, and will practically apply the planning, organizing, marketing, selling, budgeting and human resource skills that they have learned in the classroom. Students will practice their communication skills through their interactions with individuals (supervisors, customers, clients, etc.) throughout their practicum, and through a comprehensive written overview of the experience at the conclusion of the internship.

Prerequisite: ENGL 17000 with a C or better; junior or senior standing; sport management major, permission of the dean. Offered: Fall/Spring.

SPMGT 49000-49999 - Special Topics in Sport Management (1-3)

SW - Social Work

SW 11000 - Introduction to Social Work (3)

This course is an introduction to the field of social work as a helping profession at the micro (individual), mezzo (groups and family), and macro (organization, community) levels. The role of the generalist social worker in a variety of service settings with a focus on at-risk populations is presented. An overview of social work history, theories, values, ethics, and skills necessary for the best practices of social work services is presented.

Offered: Fall/Spring.

SW 11500 - Social Service Agency Observation (1)

Students are assigned to social service agencies to observe social work practitioners and learn the structure of agencies. The benefit to students will be to ensure appropriate career choice and to get oriented to the relationship between theory and practice in social work education.

Prerequisite: SW 11000. Offered: Fall/Spring.

SW 20000 - Intercultural Communication (3)

GE-Communication/Human Diversity This course is designed to teach participants various interpersonal skills with a direct focus on intercultural communication. Diversity related topics include developing self-awareness in areas such as verbal and nonverbal interactions, awareness of others, communicating in a variety of cultural contexts, emotions, relationships, and the importance of time and space. Communication topics include the process of communication, listening, putting ideas into words, communicating in social encounters and career situations, communicating in small groups, researching ideas, understanding listeners, speech preparation, and presentation as well as argumentation and debate.

Offered: Fall/Spring.

SW 24000 - Human Diversity and Social Justice (3)

GE-Social Science/Human Diversity This course is an introduction to human diversity covering the areas of age, class, color, disability, ethnicity, family structure, gender, marital status, national origin, race, religion, sex, and sexual orientation. Concepts of social justice, covering the areas of distributive justice, human and civil rights, and the global interconnections of oppression are introduced. Common historical, personal, and societal strategies to combat discrimination, oppression, economic deprivation,

and the promotion of social and economic justice within the United States are considered.

Offered: Fall/Spring.

SW 30000 - Child Welfare (3)

This course provides an overview of the child welfare system in the United States from a generalist perspective. The history of the development of the continuum of child welfare services will be examined. Information on child abuse and neglect, foster care and adoption will be provided. The course will also review the social and organizational systems that are responsible for the delivery of child welfare services, and ways that social workers can influence these systems. Emphasis will be placed on increasing sensitivity to racial and cultural factors that affect the provision of child welfare services to various populations and their implications for social work practice.

Prerequisite: Junior standing.

SW 32000 - Social Welfare Policy and Services I (3)

Course content includes the history of social welfare and social work, the history and current structures of social welfare services, the role of policy in service delivery, and attainment of individual and social wellbeing. Course content provides students with knowledge and skills to understand major policies that form the foundation of social welfare as well as introductory analysis of organizational, state, national, and international issues in social welfare policy and social service delivery.

Prerequisite: ENGL 17000 with a C or better; SW 11000. Offered: Spring.

SW 32100 - Social Welfare Policy and Services II (3)

Course content includes advanced analysis of organizational, local, state, national, and international issues in social welfare policy, as well as social service delivery and application of the results of policy research relevant to those issues. Policy practice skills will be introduced with regard to economic, political, and organizational systems as they are used to influence, formulate, and advocate for policy consistent with various value sets. Financial, organizational, administrative, and planning processes required for effective delivery of social services within various policy frameworks will be presented.

Prerequisite: SW 32000. Offered: Spring.

SW 33000 - Death, Grief, and Loss (3)

This course will focus on individual and societal attitudes regarding death and dying, life and living. Students will be able to look at material from cross-cultural perspectives. Task based contemporary approaches for individuals, families and helping professionals will be addressed as well as developmental issues across the lifespan. This course goes beyond theory, utilizing hands on activities and tasks to help the student understand and feel more

comfortable with helping others. This course is taught from a social work perspective.

Prerequisite: Junior standing. Offered: Spring.

SW 33100 - Aging Nation (3)

This is an overview course that introduces key concepts and practices in the evaluation and care of older adults. It is intended for students considering aging-focused careers in social service or healthcare fields. Throughout the course, factors that impact aging will be examined including the biological, physical, cognitive, psychological, social, and cultural aspects of later adulthood as well as some relevant theories. Then attention will be given to the roles and tasks of gerontological practitioners in the delivery of aging services.

Prerequisite: Junior standing. Offered: Spring.

SW 37000 - Human Behavior in the Social Environment I (3)

This course includes content on the reciprocal relationships between human behavior and social environments. Also considered are empirically based theories and knowledge that focus on the interactions between and among individuals, groups, societies, and economic systems; the range of social systems in which people live, individual, family, group, organizational, and community; and the ways social systems promote or deter people in maintaining or achieving health and well-being.

Prerequisite: PSY 10000; SOC 10200; SW 11000. Offered: Spring.

SW 37100 - Human Behavior in the Social Environment II (3)

This course examines theories and knowledge of human bio-psycho-social-cultural-physical-spiritual development including the range of social systems in which individuals live (families, groups, organizations and communities) across the life span. Students address how systems promote or deter people from maintaining or achieving optimal health and well-being. Human development will be viewed as a complex interaction between individuals and systems.

Prerequisite: SW 37000. Offered: Spring.

SW 39000-39999 - Special Topics in Social Work (1-3)

Specialized topics in social work will be the focus of these courses. Topics will change to reflect trends in social work practice and the needs of social work students. Relevant topics may include, but are not limited to: readings and research in social work, cross-cultural practice, grief and loss, services to the elderly, etc. This course can be taken for repeated credit with different topics. Lab fee may be required.

Prerequisite: Junior standing.

SW 40500 - Service Learning (3)

Effective and responsible social work practice requires that students understand and develop a capacity to manage their

own behavior, adapt themselves to the social work agency, and be prepared to serve the agency and its clientele. This course will be organized around the central themes of professionalism, organizational behavior, and social work service. Students will be placed in supervised social service agencies to complete a minimum of 100 hours of service as defined by the site-based social work supervisor.

Prerequisite: SW 11000; SW 11500. Offered: Fall.

SW 41000 - Social Work Practice I (4)

This course examines the basic theory, knowledge and skills required to develop micro- (individual) professional relationships in generalist social work practice. Students will develop skills in defining issues, assessment, interviewing, crisis intervention, referral linkages, communication, and documentation. Initiation and termination of helping relationships with diverse at risk populations will be explored. Course will include a lab component.

Prerequisite: SW 11000; SW 11500; SW 37000; SW 37100. Offered: Fall.

SW 41100 - Social Work Practice II (4)

This course examines the basic theory, knowledge, and skills required to develop mezzo- (group, family) level generalist social work practice. Skill building for effective interventions with families and groups of varying racial, ethnic and other cultural groups in society, identifying values, and lifestyles that require divergent social work approaches and responses, and enhancement of professional identity as a facilitator of change for helping more than one client at a time will be addressed. Course will include a lab component.

Prerequisite: SW 41000. Offered: Fall.

SW 41200 - Social Work Practice III (4)

This course will examine the basic theory, knowledge and skills required to develop macro-(organization, community, society) level social work practice. Systematic use of the generalist perspective to evaluate and strengthen social programs and structures, identify issues of social stratification, assess community needs and resources, facilitate capacity building, promote self-advocacy and develop methods for overcoming resistance to change will be addressed. Course will include a lab component.

Prerequisite: SW 41100. Offered: Spring.

SW 42500 - Social Work Research Methods I (2)

This course is an introduction to current research techniques offering the student an understanding and appreciation of scientific, analytic approaches to building knowledge for practice and to evaluating service delivery in all areas of practice. Ethical standards of scientific inquiry, methodological approaches, and the analysis of data are presented. Students participate in designing and conducting research. Course includes a lab component.

Prerequisite: SW 11000. Offered: Fall.

SW 42600 - Social Work Research Methods II (2)

This course builds upon previously acquired research knowledge related to conceptual and methodological approaches. It focuses on use of empirically based research methods to enhance social work practice as well as the development of a professional voice in writing. Students will develop a research proposal to examine an intervention in a practice area of interest to them. This provides them with the opportunity to experience the way social work research studies are actually carried out.

Corequisite: SW 42500. Offered: Fall.

SW 45000 - Field Practicum and Seminar (9)

Students in supervised social work practice are provided opportunities to apply classroom learning in a field setting. Requires a minimum of 400 hours.

Prerequisite: SW 40500; SW 41100. Offered: Fall/Spring.

TA - Theatre

TA 10001 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus.

Offered: Fall.

TA 10002 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus.

Offered: Spring.

TA 10100 - Acting I (3)

This course is designed to teach basic skills to the beginning actor, the course explores the techniques of concentration, relaxation, nonverbal communication, and improvisation. This course is designed for theatre majors.

Offered: Fall.

TA 10300 - Oral Interpretation (3)

This course consists of the study, analysis, and preparation of prose, poetry, and dramatic literature for oral presentation.

TA 10400 - Drawing for Theatrical Design (3)

This course is the study of drawing as it applies to the relevant visual communication required in the theatrical design areas of scenic, costume, lighting and properties.

Offered: Fall.

TA 10500 - Fundamentals of Acting (3)

GE-Human Culture: Arts This course is designed for non-majors and will focus on empathizing with a character in a variety of dramatic contexts and is particularly suited for students who plan careers where role-playing is necessary and essential. Role-playing and characterization skills will be developed through a variety of acting games, improvisation scenarios, and in-depth character studies.

Offered: Fall/Spring.

TA 10600 - Stage Movement (3)

This course is an introduction to movement for performance. Fundamentals include self-awareness, effective warm-ups, relaxation, and physicalization in character development.

Offered: Fall.

TA 10800 - Stage Voice (3)

This course explores the fundamentals of voice for the stage including vocal production, techniques in vocal training, and the International Phonetic Alphabet.

Offered: Spring.

TA 11100 - Introduction to Technical Theatre I (3)

This course is an introduction to the total spectrum of technical theatre. Ten hours per week of lab work is required.

Offered: Fall.

TA 11700 - Introduction to the Theatrical Arts (3)

GE-Human Culture: Arts This course is an examination of the origins, forms, and styles of drama, dance, and musical theatre and their esthetic values. Students examine the relationships of the collaborative artists in their contributions to these arts in theatrical performance. Laboratory work will include attending actual performances of the various forms. Course fee may be required.

Offered: Fall/Spring.

TA 20001 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 1000X.

Prerequisite: TA 10001. Offered: Fall.

TA 20002 - Rehearsal and Production (0-1)

All theatre majors are required to enroll Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate

in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 1000X.

Prerequisite: TA 10002. Offered: Spring.

TA 20100 - Acting II (3)

This course is designed to be a scene-study class; the course explores the techniques for character analysis as described by Stanislavski. Students perform selected scenes from plays especially chosen to give them the necessary skills for building a character and creating a role for the stage.

Prerequisite: TA 10100 or TA 10500. Offered: Spring.

TA 21000 - Stage Management (3)

This course explores the principles and processes of the stage manager. The course will include examinations of physical equipment, performance procedures, and the production of a practical prompt book. Students will be required to stage manage a scheduled studio production.

Offered: Fall/Spring.

TA 21300 - Stagecraft (3)

This course explores the process, principles, and techniques used in scenic construction. Coursework consists of both lecture and practical application of techniques on various projects throughout the semester. Lab hours are required.

Prerequisite: TA 11100. Offered: Spring.

TA 21400 - Drafting for Theatre (3)

This course explores the fundamentals of drafting and technical drawing for the theatre. Students learn the methods used to read and design 2-D drawings used in technical theatre practices, including hand-drafting techniques and computerized drafting techniques using Vectorworks and AutoCAD.

Prerequisite: TA 11100. Offered: Spring.

TA 21500 - Drawing and Rendering for Theatre (3)

This course will provide the student with the skills necessary to produce the drawings and renderings that will be expected of them as designers in the theatre, including shading, proportioned figures, clothed figures, perspective, textures and landscapes. Both dry and wet media will be included.

Prerequisite: TA 10400. Offered: Spring.

TA 21600 - Stage Make-up (3)

This course develops techniques in the design and application of stage make-up. Studio fee required.

Offered: Fall/Spring.

TA 21900 - Theatrical Collaboration (3)

The integration and application of theatre collaboration practices through exploration in the theatrical design process.

Prerequisite: TA 11100.

TA 22000 - Costume Construction (3)

This course will provide the student with the skills and techniques used in costume construction and prepare him/her for work in a costume shop, including the job of a costumer, equipment, stitching, patterning, and textiles.

Prerequisite: TA 11100. Offered: Spring.

TA 22200 - Lighting and Audio Technology (3)

This course explores the proper use and understanding of lighting and audio equipment, technology, and computer programs; control boards; playback and editing; and distribution systems for various types of live performance. Students will study how to become adept technicians and will be prepared for design courses in lighting and audio. Emphasis will be placed on hands-on project work as well as lab hours related to fully-realized departmental productions.

Prerequisite: TA 11100. Offered: Spring.

TA 27201 - Content and Standards for 9-12 Speech/Theatre Education (2)

This course introduces 9-12 speech/theatre candidates to learning outcomes for high school speech and theatre classes through the design of instructional units that pair established standards with diverse and exemplary methods, materials, and repertoires.

Prerequisite: EDU 11100;EDU 20200.

TA 30001 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 2000X.

Prerequisite: TA 20001. Offered: Fall.

TA 30002 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 2000X.

Prerequisite: TA 20002. Offered: Spring.

TA 30100-30199 - Acting Studio (3)

This class is designed to be an advanced scene study class for the study of such topics as auditioning, improvisation, dialects, and musical theatre. Semester study will be devoted to a particular subject area and related activities. May be repeated for credit.

Prerequisite: TA 20100. Offered: Fall/Spring.

TA 30101 - Acting Studio: Children's Theatre (3)

This class is a practical study of plays written for children and young adult audiences. Emphasis will be placed on characterization and working with interactive audiences.

Prerequisite: TA 20100.

TA 30102 - Acting Studio: Audition (3)

This course is designed to teach actors how to audition, including the techniques of improvisation, monologues, cold reads, interviews, and on-camera auditions. Student will learn to interpret the requirements of a casting notice, how to prepare a resume, the process of auditioning, and how to present themselves in an audition setting. Repeatable for credit.

Prerequisite: TA 20100.

TA 30103 - Acting Studio: Scene Study (3)

This course is designed to further develop actors' performance skills. Students will work together on scenes from contemporary plays in a variety of styles. Emphasis is placed on appropriate inner life while pursuing an objective in the moment with a scene partner.

Prerequisite: TA 20100.

TA 30104 - Acting Studio: Comic Acting (3)

This course is designed to develop skills at creating comedic characters and performing comic scenes. Through classwork on monologues and scenes, and viewing and analyzing comic productions, students will learn the importance of voice, diction, projection, timing and physicality in performing comedies. They will also improve their understanding and practice of comic timing, both physical and vocal.

Prerequisite: TA 20100.

TA 30105 - Acting Studio: Improvisation (3)

This course is a practical performance studio designed to teach actors the rules and uses of improvisation. This course explores the techniques of pantomime, improvisation (short and long form), and team building. Student will gain experience in how improvisation is used in auditions and film.

Prerequisite: TA 20100.

TA 30106 - Acting Studio: Period Styles (3)

This course is designed to teach actors how to understand and perform period plays. As a practical performance studio, students will become familiar with plays of various early periods (Greek, Restoration, Victorian, etc.) and become familiar with the vocal, physical, and textual demands of creating characters and performing period plays.

Prerequisite: TA 20100.

TA 30107 - Acting Studio: On-Camera (3)

This course is designed to teach actors how to work on camera. This course explores the techniques of slates,

commercials, television, and film. Students will learn to audition for, perform, and analyze sides from a variety of television and film formats.

Prerequisite: TA 20100.

TA 30301 - Acting the Song I (3)

An advanced course combining acting and singing. Preparation and performance of solos, duets, and audition material utilizing text and music analysis and the creation of appropriate inner life. Course fee may be required.

Prerequisite: TA 20100; Two credit hours of private voice or class voice. Offered: Fall.

TA 30302 - Acting the Song II (3)

This course is an extension of TA 30301. Requires advanced vocal and acting repertoire. Course fee may be required.

Prerequisite: TA 30301. Offered: Fall.

TA 30303 - History of the American Musical (3)

A study of the history of the American musical from its origin, evolution, and effect on theatre today.

Prerequisite: ENGL 17000 with a C or better; TA 20100. Offered: Spring.

TA 30400 - Script Analysis (3)

This basic course in theatrical theory presents the analytical and research processes necessary to the consideration of any play prior to production. The approach is necessary for those working in any of the artistic roles in the theatre.

Prerequisite: ENGL 17000 with a C or better; TA 10100. Offered: Fall.

TA 30500 - Scenography (3)

This course will examine the use of color, line and other elements of visual art theory to develop costume, scenic, and lighting designs for a play. The student will further their ability to analyze a script and learn to develop a concept related visual style. Students will also identify and engage in appropriate research. This course is designed for students seeking 5-8 and/or 9-12 certification in speech-theatre.

Prerequisite: TA 11100. Offered: Spring.

*Updated after publishing - July addendum 07/01/2020.***

TA 30600 - Directing (3)

This course consists of fundamental theory and practice for the stage director.

Prerequisite: TA 30400. Offered: Spring.

TA 30700 - Scenic Design (3)

This course immerses students in the fundamental spatial, color, textural, and architectural tenets of designing dramatic environments for live theatre production,

including the concept and execution methods of the single box set, the unit set, and multiple scene requirements. Course fee may be required.

Prerequisite: TA 21400 and TA 21500. Offered: Fall.

TA 30900 - Costume Design (3)

This course will explore the use of color and line to visually define the characters in a play. Students will further their ability to analyze a script and learn to develop a concept and related visual style. They will identify and engage in appropriate research for a variety of designs. Students will also learn to articulate and support their design choices during class presentations. Course fee may be required.

Prerequisite: TA 21500. Offered: Spring.

TA 31000 - Lighting Design (3)

This course is an introductory course in lighting design in which students will explore the basic concepts and ideas of how to conceive, plan and implement lighting for theatre, dance, and musical productions. Emphasis on using CAD and other lighting software to develop plans, and the collaborative nature of the theatre design process, including concept development, script analysis, research, design and presentation. Course fee may be required.

Prerequisite: TA 11100;TA 21400. Offered: Fall.

TA 31300 - Audio Technology and Sound Design (3)

This course explores modern sound equipment and its applications in live production environments. Sound theory and the electronics of microphones, mixing boards, amplifiers and speaker systems are covered in both analogue and digital form as a basis for students interested in sound production and design careers in the theatre. A portion of the class will also cover a brief history of sound effects and Foley (live sound recreation) work. Course fee may be required.

Prerequisite: TA 11100. Offered: Fall.

TA 31400 - Stage Management II (3) This course takes a more in-depth look at the processes of the stage manager as it relates to actor's unions and the professional realm of theatre. The course requires practical application through the stage management of a studio production. Lab fee required.

Prerequisite: TA 21000.

TA 31600 - Advanced Stage Makeup (3) This course will develop advanced techniques in the design and application of stage make-up. Students will experience the application of these techniques through an appropriate production assignment.

Prerequisite: TA 21600.

TA 32001 - Design Studio I (3)

This course offers instruction in the areas of scene and costume design. This course will explore the use of design

theory to visually define the characters and environments of a play. Students will further their ability to analyze a script and learn to develop a concept and related visual style. They will identify and engage in appropriate research for a variety of designs. Students will also learn to articulate and support their design choices during class presentations.

Prerequisite: TA 21400;TA 21500. Corequisite: TA 32003.

TA 32002 - Design Studio II (3)

This course explores the skills, techniques, and aesthetics of lighting and audio design for theatre, dance, and musical productions. Students will learn how to support collaborative production through script analysis, visual research, conceptualization, creating plans and paperwork, communicating ideas, and documenting/discussing design choices. CAD and other software will be utilized. Advanced study will include approaches for concerts and other live events.

Prerequisite: TA 22200. Corequisite: TA 32004.

TA 32003 - Design Studio III (3)

This course is an advanced exploration of the scenic and costume design techniques developed in Design Studio I. The student will increase their proficiency at script analysis, development of appropriate concepts and applicable visual styles. They will also improve their ability to collect pertinent research. During the in class presentations of their work, the student will articulate and support their choices. The ability to visually communicate the designs to others is essential; therefore attention will be paid to drawing and rendering skills.

Prerequisite: TA 32001. Corequisite: TA 32001.

TA 32004 - Design Studio IV (3)

This course advances the lighting and audio skills, techniques, and aesthetics explored in Design Studio II through the exploration of design for concerts and other live events.

Prerequisite: TA 32002. Corequisite: TA 32002.

TA 33500 - Modern Drama (3)

GE-Human Culture: Literature/Human Diversity This course is a study of modern and contemporary drama from Ibsen to the present, including realistic, naturalistic, symbolic, poetic, expressionist, existentialist, absurdist, "epic." and experimental plays. The background and culture of the playwright and the ways in which both influence their writing, as well as the style of the writing, will be included in the study of each play. Special attention is paid to the evolution of theatrical style and form, and the ways in which we see it modeled in popular film, theatre, television, and animation. This course is not open to students with credit in ENGL 33500.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

TA 33600 - Survey of Dramatic Literature (3)

GE-Human Culture: Literature/Human Diversity This course examines dramatic literature from all major periods of the Western world from ancient Greece to the present, providing an opportunity to understand the culture, history, and people that gave rise to it. The role of religion in theatre will be examined as it changes in emphasis, starting with the Greeks, to the present era, where it is almost absent. Emphasis is placed on bridging the gap that exists between the culture and time period of each play and the way in which each is presently interpreted and received. Students will contrast and relate the plays read in class to various aspects of modern culture and society.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

TA 33700 - Seminar in American Drama (3)

GE-Human Culture: Arts This course will explore the history and development of dramatic literature in America. American playwrights and their work from 1770 to the present will be examined. This seminal heritage of uniquely American theatre forms the foundation for the eventual rise of main stream modern drama in the United States.

Prerequisite: ENGL 17000 with a C or better.

TA 35000 - Directing II (3)

This course consists of further study of directing as a process culminating in the direction of a short public performance. Studio fee may be required.

Prerequisite: TA 30600. Offered: Fall.

TA 37000 - History of Theatre (3)

GE-Human Culture: Arts/Human Diversity This course is the study of drama in form and production, as well as its basis in historical and contemporary culture.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

TA 37100 - History of Theatre I (3)

GE-Human Culture: Arts/Human Diversity This course presents an in depth exploration the development of drama in form and production from pre-history to the 1700s. Significant chronological contributions to contemporary theatre are analyzed from the standpoint of subject matter, architecture, technology and acting styles.

Prerequisite: ENGL 17000 with a C or better. Offered: Fall.

TA 37200 - History of Theatre II (3)

GE-Human Culture: Arts/Human Diversity This course presents an in depth exploration the development of drama in form and production from the 1700s to the present. Significant chronological contributions to contemporary theatre are analyzed, from the standpoint of subject matter, architecture, technology, and acting styles.

Prerequisite: ENGL 17000 with a C or better. Offered: Spring.

TA 38600-38699 - Special Topics (3)

GE-Human Culture: Arts Special topics in theatre. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of dean.

TA 38700-38799 - Special Topics (3)

GE-Human Culture: Arts/Human Diversity Special topics in theatre. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of dean.

TA 38800-38899 - Special Topics (1-3)

Special topics in theatre. May be repeated as topics vary. Course fee may be required.

Prerequisite: Permission of dean.

TA 40001 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 3000X.

Prerequisite: TA 30001. Offered: Fall.

TA 40002 - Rehearsal and Production (0-1)

All theatre majors are required to enroll in Rehearsal and Production every fall and spring semester throughout their program of study, excluding any semester of student teaching or internship. Students will actively participate in department productions through various assignments and meetings as indicated in the course syllabus. Requires more production responsibility than TA 3000X.

Prerequisite: TA 30002. Offered: Spring.

TA 40100-40199 - Advanced Acting Studio (3)

This course is an advanced acting class for scene work and acting styles. Topics will include Shakespeare, comedy, Neoclassic, Restoration, and various other styles. May be repeated for credit.

Prerequisite: TA 20100. Offered: Fall/Spring.

TA 40101 - Advanced Acting Studio: Stage Combat (3)

This course is designed to teach actors the rules and uses of stage combat. This is an in class physical performance class. This course explores the techniques of hand to hand, weapons, falls, and choreography.

Prerequisite: TA 10100 and BFA theatre program of study.

TA 40102 - Advanced Acting Studio: Dialects (3)

This course is designed to be an advanced scene study class for the study of dialects. Students will learn International Phonetic Alphabet (IPA) as a means of

transcribing different accents, and will improve their ability to perform in Standard British, Cockney, New York and American Southern accents.

Prerequisite: TA 20100 and BFA theatre program of study.

TA 40103 - Advanced Acting Studio: Meisner (3)

This course is designed to teach the method of Sanford Meisner is his methods of acting and direction. This course is an in-class performance studio. The course will use the exercises and training of Meisner using scripts from a variety of contemporary theatre.

Prerequisite: TA 20100 and BFA theatre program of study.

TA 40104 - Advanced Acting Studio: On-Camera II (3)

This course is an extension of the Acting Studio: On-Camera course. Advanced techniques will be explored in addition to collaboration with student directors from the Digital Cinema Arts program on their short films.

Prerequisite: TA 30107. Offered: Spring.

TA 40105 - Advanced Acting Studio: Shakespeare (3)

This course is designed to teach actors how to understand and perform Shakespeare's plays. This course is an in-class performance studio which will demystify Shakespeare's plays; students will use iambic pentameter, rhyme, and alternations of verse and prose to create dynamic performances.

Prerequisite: TA 20100;BFA theatre program of study.

TA 40600 - Advanced Directing (3)

This course offers advanced exercises in analysis and style leading to the production of a one act play. May be repeated for credit. Course fee may be required.

Prerequisite: TA 35000. Offered: Fall.

TA 40700 - Advanced Set Design (3)

This studio course is designed for the student interested in a career in scenic design. Designs are chosen and completed with an emphasis on portfolio and personal artistic growth through diversification of techniques into related genres. May be repeated for credit. Course fee may be required.

Prerequisite: TA 30700. Offered: Fall/Spring.

TA 40800 - Advanced Lighting Design (3)

This course is designed for the student interested in a career in lighting design. Designs will be chosen to build individual portfolios and to expose students to the specific consideration of opera, dance, and concert genres. May be repeated for credit. Course fee may be required.

Prerequisite: TA 31000. Offered: Fall/Spring.

TA 40900 - Advanced Costume Design (3)

This course is designed for students interested in a career in costuming. Designs will be chosen to build individual portfolios and to challenge the advanced student's

knowledge of costuming and design. May be repeated for credit. Course fee may be required.

Prerequisite: TA 30900.

TA 41000 - Advanced Stage Management (3)

This course will explore deeper into the principles and processes of stage management. It will examine Equity rules and regulations for a professional stage manager and the process a professional stage manager must take whether it will be for a theatrical production, a dance concert, a musical concert, or a touring production. Students will be required to stage manage a full length production, a touring show, a dance concert, or music week. May be repeated for credit. Course fee may be required.

Prerequisite: TA 11100;TA 21000. Offered: Fall.

TA 41100 - Advanced Theatre Technology (3)

This course is a focused examination and practical application of non-design related area of theatre technology. Students will focus on specific areas, including but not limited to, technical direction, scenic art, props, projections, and electrics through the completion of one or more assigned projects and weekly meeting with the instructor. Course fee may be required.

Prerequisite: TA 21300;TA 21400. Offered: Spring.

TA 43000 - Theatre Workshop (1-6)

This advanced course of study which may include such topics as staged readings, new play development, advanced character analysis and application, production and design projects, alternative acting and directing methodologies, and voice and movement studies.

Prerequisite: Permission of dean.

TA 46500 - Professional Internship (1-6)

Supervised work experience for the advanced student which requires the application of principles, skills, and strategies within the discipline. Requires signed internship agreement by student, faculty of record, and supervisor representing host organization. May be repeated for a maximum of six credit hours.

Prerequisite: Sophomore standing; permission of dean. Offered: Fall/Spring.

TA 48000 - Career and Portfolio Seminar (3)

This practical course is designed to prepare students for their successful entry into various careers associated with theatre, including middle and secondary school teaching, admission to graduate school, professional performance, directing, and/or technical theatre work, etc. Course fee may be required.

Prerequisite: Junior standing; theatre program of study. Offered: Spring.

TA 48900 - Senior Project (3)

All senior level BFA students must enroll in this course which is a culmination of their work at Lindenwood. The student project will be assigned by the faculty and will depend on production needs and the student's major. The student will be required to work a minimum of 125 hours for this project and participate in the Senior Showcase. Course fee may be required.

Offered: Spring.

UNIV - Lindenwood University Orientation

UNIV 10000 - Academic Commitment to Excellence (1)

Through reflective and applied activities, students will develop skills and utilize tools required for successful academic performance. This course will help students explore resources to maneuver through university processes and encourage personal growth and professional development.

UNIV 10100 - First-Year Seminar (1)

This course is a one-hour subject-area seminar and orientation course required of all first-time freshmen. Students will be introduced to special topics of their choice based on personal interest, declared major or academic interest while also orientating to the university environment. This special topics seminar course will provoke critical thinking, problem solving, and interaction. Course is required of all first-time freshmen or transfer students without an equivalent course previously completed from another college or university. May not be retaken for a higher grade. Lab fee required.

Offered: Fall/Spring.

UNIV 10101 - Honors First-Year Seminar (3)

This course is a one-hour subject-area seminar and orientation course required of all first-time freshmen. Students will be introduced to special topics of their choice based on personal interest, declared major or academic interest while also orientating to the university environment. This special topics seminar course will provoke critical thinking, problem solving, and interaction. Only students who are in accepted into the honors college are eligible. May not be retaken for a higher grade. Lab fee required.

Offered: Fall.

UNIV 11000 - Academic Success Strategies (1)

This course will provide the direction and support that will enhance adult students' potential for success in their undergraduate online program. Topics will include, but are not limited to, navigating Canvas, balancing college and work, being an online learner, handling stress, academic honesty, managing one's time and energy, study skills,

research skill, and learning strategies. Only students in undergraduate online degree programs are able to enroll in this course.

Offered: Fall/Spring.

UNIV 12000 - Strategies for Successful Veterans (1)

This course is designed to help student veterans transition from the military into Lindenwood University and adjust to the demands of being a college student. The course also aims to promote academic success among student veterans and improve the retention of student veterans, helping them successfully transition out of the military and into a career. This course is open to veterans of the U.S. armed services only.

UNIV 18201 - Flash Fiction: Sweating the Small Stuff (1)

Learn to use few words to tell great stories that linger far longer than the time it takes to read them. This course will examine examples of effective flash fiction in traditional and less obvious mediums. Students will create multiple flash fiction stories as well as participate in peer review workshops.

UNIV 18202 - Between the Panels: Graphic Novels & Comics (1)

Graphic Novels and Comics will explore the formation and evolution of comics and graphic novels. The course will explore the impact graphic novels have had across the various entertainment and educational avenues in society, including films, video games, board and / or card games, as well as the various education applications of graphic novels. Students will gain a better appreciation for graphic novels, as well as develop a greater understanding for how they can be used across various disciplines.

UNIV 18203 - Developing and Practicing Professional Presence (1)

This course provides the opportunity for students to learn and apply communication concepts that are crucial to career development and success. Employers need people who have self-awareness and can effectively speak, write, present ideas, connect with others, and receive feedback. Students in this course will improve these skills by learning to analyze and adapt to various communication contexts, develop their professional presence, and practice enacting it in several career-focused assignments. This course will require regular readings, short weekly assignments that may be completed in or conference call format (e.g., self-reflections, job analysis, and personal brand statement) as well as longer assignments tailored to their career goals, like resume and cover letter writing. Assignments will require students to conduct themselves as if they are operating in a professional context; this is

especially true of simulations, which will consist of a mock interview, a mock meeting that includes an idea pitch, and a mock performance evaluation (each accomplished via video conferencing or phone).

UNIV 18204 - Seeing the World Through Film (1)

Do you ever wish you could experience the bustling streets of London, see the bright colors of the markets in India or feel the sun in Sydney? Movies allow us to see the world from the comfort of our own chair. In this course, you'll have the chance to watch movies from around globe, reflect on different cultures around the world and pick out future trips you would like to go on. We will get a taste of places near and far without having to pay for a single flight.

UNIV 18205 - College to Career (1)

This course will provide instruction on key components relevant to career planning and development. The course will provide students with opportunities for reflective activities and exercises aimed at fostering growth in their respective career path. The concepts covered include personal and professional reflection, skills identification and development, professional branding, composition of resumes and cover letters, interviewing skills, networking, and general career exploration.

UNIV 18206 - Practically Perfect Writing (1)

Learn strategies for revising, editing, and proofreading everyday writing.

UNIV 18207 - Getting Short Stories, Flash Fiction, and Poetry Published (1)

This course will teach students how to find literary journals and magazines to submit their creative pieces to. Website navigation, tools, and publishing terms will be discussed, along with what to expect when submitting work. Assignments include creating a list of possible publishers and submit to at least three places.

UNIV 20000 - Life and Leadership (3)

This course is designed to examine leadership and to show students how to effectively lead in a group setting while learning the necessary habits and attitudes that others look for in productive leaders. Leadership is ultimately about influence, and this course aims to teach students how to gain influence that both encourages and permits others to follow them.

ADMINISTRATION

John R. Porter (2019)

President

BS, Evangel University; MBA, Washington University-St. Louis

Marilyn S. Abbott (1997)

Provost and Vice President for Academic and Student Affairs

AB, Indiana University; PhD, Purdue University

Deb Ayres (2008)

Vice President for Human Resources

BS, Missouri State University; MS, University of Missouri-St. Louis; EdD, University of Missouri-Columbia

Orrie Covert (2019)

Vice President for Advancement and Communications

BS, Graceland University-Lamoni; MA, Syracuse University

Diane Moore (2016)

Vice President, Operations

BA, Oklahoma Baptist University; MA, University of Missouri-Columbia; EdD, Lindenwood University

TJ Rains (2015)

Vice President for Information Technology and Chief Information Officer

BS, Emporia State University; MS, Capella University

Frank Sanfilippo (2017)

Vice President for Fiscal Affairs/Chief Financial Officer

BS, University of Missouri-Columbia

Brad Wachler (2016)

Vice President for Intercollegiate Athletics

BA, University of Michigan; MA, Indiana University; JD, Wayne State University

Terry Whittum (2017)

Vice President for Enrollment Management

BS, Plymouth State University; MS, Capella University

Bethany Alden-Rivers (2019)

Chief Assessment Officer and Associate Vice President for Institutional Effectiveness

BS, MBA, Missouri State University; MA, EdD, Open University UK

Molly Hudgins (2003)

Associate Provost, Curriculum and Experiential Learning

BS, Southern Illinois University-Carbondale; MS Florida State University; JD University of Tennessee

Chanda Jackson (1995)

Assistant Vice President, Procurement and Payables

BS, Washington University; MPA, Lindenwood University

Terry Kapeller (1993)

Assistant Vice President, Business Office

BA, Tarkio College; MBA, Lindenwood University

Erin I. Mann (2012)

Associate Provost, Academic Operations

BA, Rice University; MA, PhD, University of Iowa

Kate O'Neal (2001)

Assistant Vice President for Development and Alumni Relations

BA, MA, Lindenwood University

John Plunkett (2013)

Assistant Vice President for Finance

BS, Oakland City University; MBA, Lindenwood University

Christie Rodgers (2009)

Associate Vice President for Student and Academic Support Services and Student Ombudsman

BA, MS, EdD, Lindenwood University

Breanne Simkin (2017)

Associate Vice President for Enrollment Management

BS, University of North Florida; MS, University of Florida

Sara Wiedman (2008)

Assistant Vice President for Enrollment Management

BA, University of Missouri-St. Louis

Shane Williamson (2007)

Associate Vice President for Student Life and Dean of Students

BSBA, MS, Shippensburg University; MBA, Lindenwood University; EdD, Rutgers University

Oran Woodworth (2015)

Assistant Vice President for Fiscal Affairs/Controller

BS, California Baptist University; MS, Liberty University

FACULTY

Acker, Lawrence E. (2013)

Professor of Health Management
BA, Saint Louis University; MHA, Washington University; PhD, University of Missouri-St. Louis

Afful, Stephanie (2014)

Associate Professor of Psychology
BA, Drury University; MS, PhD, Saint Louis University

Alameda, Annie (2007)

Professor of Physical Education
BS, Illinois State University; MS, Saint Louis University; EdD, Lindenwood University

Albee, Alison J. (2013)

Associate Professor of Biology
BS, Purdue University; PhD, University of Wisconsin-Madison

Aldridge, Amanda (2012)

Assistant Professor of Teacher Education
BS, University of Missouri-Columbia; MEd, University of Missouri-St. Louis; EdD, Lindenwood University

Allen, Robert (2008)

Professor of Management and Assistant Dean, Plaster School of Business and Entrepreneurship
BS, Missouri Valley College; MBA, University of Missouri-Columbia; DBA, Nova Southeastern University

Alsobrook, Joseph A. (2004)

Dean, Lindenwood Online
BA, Southwestern Oklahoma State University; MA, EdD, Lindenwood University

Anderson, Mary (2015)

Assistant Professor of Writing
BS, University of Texas; MFA, University of Missouri-St. Louis

Arendt, Brian (2012)

Assistant Professor of International Relations
BA, University of Missouri-St. Louis; MA, SUNY-Stony Brook; PhD, Georgetown University

Arns, David H. (1999)

Associate Professor of Marketing and Faculty Athletics Representative, NCAA Sports
BS, Southern Illinois University-Carbondale; MS, Southern Illinois University-Edwardsville

Bagley, Sara (2015)

Associate Professor of Psychology

BA, Westminster College; MSR, PhD, Saint Louis University

Banerjee, Gaurango (2013)

Professor of Finance
BS, MSc, Birla Institute of Technology and Science, India, PhD, University of Alabama

Barr, John (2016)

Assistant Professor of Physics
BS, MS, University of Missouri-Rolla; PhD, University of Missouri-Rolla

Biri, Colleen (2003)

Professor of Psychology
BA, Southwest Missouri State University; MA, PsyD, Georgia School of Professional Psychology

Blum, Erica (2008)

Assistant Professor of Interactive Media and Web Design
BFA, Ohio University; MA, Lindenwood University

Blythe, Stephen A. (2009)

Associate Professor of Computer Science
BS, University of Delaware; MS, PhD, Rensselaer Polytechnic Institute

Bosnick, James A. III (2017)

Assistant Professor of Accounting
BS, JD, West Virginia University; MBA, LL.M., MSBA, Washington University

Brickler-Ulrich, Kimberly K. (2003)

Associate Professor of Accounting
BS, Truman State University; MBA, Saint Louis University; CPA

Boamah, Dominic (2016)

Assistant Professor of Information Technology and Assistant Dean, IT Programs Division
AS, Kwame Nkrumah University of Science and Technology; MS, Jyväskylä University; PhD, Capella University

Brown, David (2000)

Professor of Philosophy
BA, Gordon College; MA, University of Houston; PhD, University of Toronto

Carlos, Peter (2004)

Professor of Digital Cinema Arts
BA, University of Missouri-St. Louis; MA, Middlebury College; MFA, Lindenwood University

Carnes, Jeremy (2013)*Associate Professor of English*

BA, University of Notre Dame; PhD, University of Michigan

Cintel, David (2014)*Instructor of English Preparedness*

BA, Truman State University; MA, University of Northern Iowa

Coble, Kyle (2012)*Associate Professor of Marketing*

BS, MIAA, Southwest Missouri State University; PhD, Saint Louis University

Cohen, Theodore W. (2014)*Associate Professor of History*

BA, Yale University; PhD, University of Maryland, College Park

Coleman, Steven (2011)*Associate Professor of Accounting*

BA, Saint Louis University; JD, Seton Hall University

Cooper, Benjamin (2014)*Associate Professor of English*

BA, Davidson College; MA, Northwestern University; MA Washington University; PhD, Washington University

Crow, Lori (2016)*Instructor of Exercise Science*

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Curtis, Ryan (2008)*Associate Professor of Music*

BS, Missouri State University; MA, University of Missouri-St. Louis; EdD, Lindenwood University

Cypret-Mahach, Ronda (2016)*Assistant Professor of Teacher Education*

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Daly, Shelly (2011)*Associate Professor of International Business*

BS, University of Missouri-Columbia; MBA, PhD, Saint Louis University

Daniels Jr., James (2015)*Instructor of Information Systems*

BS, Western Illinois University; MBA, University of Phoenix

Dasovich, Steve J. (2010)*Associate Professor of Anthropology*

BA, University of South Dakota; MS, Florida State University; PhD, University of Missouri-Columbia

Delgado, Ricardo A. (2006)*Dean, School of Sciences and Professor of Chemistry*

BS, Texas A and I University; MS, PhD, University of Missouri-St. Louis

DeMartino, Darrell (2017)*Assistant Professor of Paramedicine*

BS, Utah Valley University; BS, MS, Syracuse University; MEd, University of Houston; BS, MS, MSN, Excelsior College

DeVore, Sherry (2008)*Assistant Professor of Educational Leadership*

BS, MA, EdS, Missouri State University; EdD University of Missouri-Columbia

Dill, William (2010)*Assistant Professor of Athletic Training*

BS, McKendree University; MS, Ohio University; EdD, Lindenwood University

Donovan, Heather (2017)*Assistant Professor of Criminology and Criminal Justice*

BA, Pepperdine University; MS, University of New Haven; JD, Washington University in St. Louis

Elder, Robyne (2016)*Assistant Professor, Educational Leadership*

BA, University of Missouri; MA, EdD, Lindenwood University

Elmes, Melissa (2016)*Assistant Professor of English*

BA, College of William and Mary; MA, Longwood University; PhD, University of North Carolina at Greensboro

Estlund, Amy (2017)*Assistant Professor of Public Health*

BS, Marquette University; MPH, Emory University; PhD, Saint Louis University

Ezvan, Mira (1984)*Professor of Information Systems*

MS, Technical University of Wroclaw, Poland; PhD, Southern Illinois University

Ferguson, Rachel (2005)*Professor of Managerial Philosophy and Director, Liberty and Ethics Center*

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Ferrarini, Tawni (2017)*Professor of Economics and Director, Center of Economic Education*

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Fleitz, Elizabeth (2013)

Associate Professor of English
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Flicek, Tracy (2013)

Instructor of English Preparedness
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Frazier, Andrea (2010)

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Golik, Wojciech L. (2001)

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Gupta, Nikhil (2016)

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Gustafson, Susan (2017)

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Hargate, Jon Grant (1983)

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Instructor of Public Health
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Hasty, Scott (2014)

Assistant Professor of Chemistry
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Hauck, John (2004)

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Heyn, Hollis Carolyn (1996)*Associate Professor of English*

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Hollis, Stuart (2014)*Assistant Professor of Theatre and Technical Theatre Director*

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Hudgins, Molly (2003)*Interim Dean, Plaster School of Business and Entrepreneurship, and Professor of Sports Management*
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Hutcheson, Jill (2013)*Associate Professor of Initial Teacher Education and Associate Dean, School of Education*

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Hutson Jr., James Lee (2010)*Associate Professor of Art and Design; Assistant Dean, Graduate and Online Degrees*

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Ibele, Michael E. (2011)*Associate Professor of Chemistry*

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Johnson, Emilie Wright (1999)*Professor of Teacher Education*

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Johnston, Christopher (2006)*Professor of Mathematics*

BS, University of Missouri-Columbia, MA, Michigan State University; PhD, Northeastern University

Johnston, Gail (2003)*Professor of Biology*

BS, MS, Mississippi State University; PhD, Southern Illinois University-Carbondale

Jones, Emily (2010)*Associate Professor of Theatre*

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Kamm, Judy K. (1996)*Associate Professor of Economics*

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Karraker, Holly Beth (2007)*Associate Professor of Counseling*

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Kerksick, Chad (2015)*Associate Professor of Exercise Science*

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Kussman, Justin (2015)*Instructor of Interactive Media and Web Design*

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Leavitt, Lynda (2009)*Professor of Educational Leadership*

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Londono, Ana (2015)

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*Associate Professor of Accounting and Assistant Dean
Plaster School of Business and Entrepreneurship*
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University

Marhanka, Darren (2004)

Associate Professor of Criminology and Criminal Justice
AAS, Florissant Valley Community College; BA, MS,
MBA, Lindenwood University

Marsh, Meredith (2009)

Associate Professor of History
BA, Calvin College; MA, PhD, University of California-
Santa Barbara

Martin, Erin Haller (2017)

*Associate Professor of Mathematics and Program
Director, Mathematics and Natural Sciences*
BS, Missouri University of Science and Technology; MS,
PhD, University of Arkansas

Marzano, Michael P. (2009)

*Associate Professor of Management and Assistant Dean,
Plaster School of Business and Entrepreneurship*
BS, Southern Illinois University-Edwardsville; MBA,
Saint Louis University; MIM, Washington University;
DMgt, Webster University; CPIM, CSCP

Mason, Michael M. (1991)

Professor of Religion
BS, Iowa State University; MA, Loras College; MDiv,
University of Dubuque Theological Seminary; DMin, San
Francisco Theological Seminary

Mathea, Michael (2010)

Assistant Professor of Economics
BS, St. Norbert College; MA, University of Houston

McCoy, Lauren (2016)

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MA, University of St. Andrews; MA, PhD, Washington
University

McKinney, Brandon (2012)

*Assistant Professor of Mass Communications and
Production Manager of LUTV*
BA, MFA, Lindenwood University

McMaken, W. Travis (2011)

*Associate Professor of Religion and Assistant Dean,
Humanities*
BA, Wheaton College; MDiv, PhD, Princeton Theological
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Mead, Beth (2004)

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Miller, Nicholas (2016)

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Millians, Andrew (2014)

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Professor of Economics
BS, University of West Indies; BEd, University of
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University

Nasser, Jr. Roger "Mitch" (2016)

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Neely, Joshua (2016)

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Nicolai, Deborah (1993)

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Nohara-LeClair, Michiko (2002)

Professor of Psychology
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Northcott, Donna (2007)

Associate Professor of Theatre
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Nunez-Betelu, Maite (2008)

Professor of Spanish

BA, University of Basque Country, Spain; MA, West Virginia University; PhD, University of Missouri-Columbia

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Peluchette, Joy V. (2013)

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BS, MS, West Virginia University; DBA, Southern Illinois University-Carbondale

Pennington, Heather (2010)

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BA, Samford University; MA, University of Alabama

Plate, Daniel (2004)

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Powell-Jia, Darla (2010)

Associate Professor of Chemistry

BS, North Dakota State University; PhD, University of California-Irvine

Qualls, Melissa (2002)

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Quinn, John (2013)

Instructor of Accounting

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Reighard, Richard (1987)

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Rodriguez, Robin (2014)

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Schroeder, Cynthia A. (2010)

Dean, School of Health Sciences and Professor of Exercise Sciences

BS, Southern Illinois University-Carbondale; MS, Northeastern Illinois University-Chicago; PhD, University of Kansas-Lawrence

Scribner, Christopher (1995)

Professor of Psychology

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Professor of Accounting

BS, MBA, PhD, Saint Louis University; CPA

Shostak, Grant J. (2012)

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Smith, Andrew (2011)

Assistant Professor of Communications

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Professor of History

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Belleville, IL 62226

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Florissant, MO 63033

Old Post Office
815 Olive Street, Suite 20
St. Louis, MO 63101

Wentzville (at the Southern Air)
1102 East Pitman
Wentzville, MO 63385

Westport
The Westport
11960 Westline Industrial Drive, Suite 260
St. Louis, MO 63146

Education – Extended Site Locations

Aurora School District
305 West Prospect
Aurora, MO 65605

Carrollton R-7 School District
Carrollton Administration Building
103 East 9th Street
Carrollton, MO 64633

Forsyth School District
Forsyth Administration Offices
178 Panther Street
Forsyth, MO 65653

Hollister School District
Hollister District Office
1014 State Highway BB
Hollister, MO 65672

Florissant Center
302 North 4th Street
Florissant, MO 63033

Missouri Valley College
500 East College Street
Marshall, MO 65340

Neosho School District
Neosho School Administration
511 Neosho Boulevard
Neosho, MO 64850

Ozark School District
Ozark School Administration Offices
302 North 4th Street
Ozark, MO 65721

Ozark Technical Community College – Branson
10698 Historic Highway 165
Hollister, MO 65672

Ozark Technical Community College – Springfield
1001 East Chestnut Expressway
Springfield, MO 65802

Ozark Technical Community College – Waynesville
200 Fleetwood Drive
Waynesville, MO 65583

Parkway School District
Parkway Southwest Middle School
701 Wren Avenue
Manchester, MO 63021

Poplar Bluff School District
District Administrative Offices
1110 North Westwood Boulevard
Poplar Bluff, MO 63901

Riverview Gardens School District
Riverview Gardens District Office
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St. Louis, MO 63101

Rockwood School District
Crestview Middle School
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Chesterfield, MO 63005

Rolla School District
Rolla Middle School
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Rolla, MO 65401

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Warsaw, MO 65355

Washington School District
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Washington, MO 63090

Webb City School District
411 North Madison
Webb City, MO 64870

West Plains School District
West Plains South Central Career Center
407 Thornburgh St.
West Plains, MO 65775

Williard School District
District Administrative Offices
500 E Kime Street
Willard, MO 65781

Wright City School District
90 Bell Rd
Wright City, MO 63390

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